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FEEDING STUFFS REPORT

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FOR THE YEAR

1944

MILES HORST
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FEEDING STUFFS REPORT

1944

INTRODUCTION

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis of feeding stuffs, and accordingly, during the year ending December 31, 1944, 1,185 official samples were obtained by agents of the Bureau throughout the Commonwealth. Of the total number of samples collected, 1,177 were selected for analysis.

Each and every feeding stuffs sold within this Commonwealth is required to be properly labeled giving the following information: Name and address of manufacturer or importer, net weight, guarantees for protein, fat, and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1944, 155 special samples of feeding stuffs were submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only for a fee of \$1 per sample. The results of analyses of special samples submitted are not included in this Report. The total number of official and special samples analyzed during the year 1944 was 1,332.

The 1,177 official samples analyzed were registered by 404 manufacturers and represented 20 classes and 1,082 brands as follows:

<u>Classes</u>	<u>Samples</u>
Oil Cake By-Products.....	35
Distillery and Brewery By-Products.....	13
Maize By-Products.....	3
Wheat Offal.....	23
Alfalfa Meal.....	14
Rye Offal.....	2
Flax By-Products.....	5
Oat By-Products.....	5
Proprietary Dairy Feed.....	179
Proprietary Stock, Horse and Mule Feed.....	30
Proprietary Calf Meal.....	9
Proprietary Swine Feed.....	161
Proprietary Sheep and Goat Feed.....	1
Proprietary Chop Feed.....	21
Proprietary Scratch Feed.....	39
Proprietary Mash Feed.....	533
Proprietary Small Animal Feed.....	81
Animal By-Products.....	27
Milk Products.....	2
Miscellaneous Feed.....	<u>4</u>
Total.....	1,177

BRANDS REGISTERED

Each brand of feeding stuffs is required to be registered annually, and application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of \$25 per brand. The annual registration fees are as follows:

0 to 150 tons, each.....	\$ 5.00
Over 150 tons to 300 tons, each.....	10.00
Over 300 tons to 500 tons, each.....	15.00
Over 500 tons, each.....	25.00

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of \$5 each, it being unnecessary to submit tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1944 sales, 5178 brands of feeding stuffs were registered, and 1257 licenses were issued to 975 manufacturers.

CONCLUSIONS

Of the 1177 official samples analyzed, 311 or 26.42% were deficient in protein or fat and contained fiber in excess of the tolerances provided, 45 samples or 3.82% were found deficient in protein, 251 or 18.43% deficient in fat, and 49 or 4.17% exceeded guarantees for fiber.

The consumer of a feeding stuffs purchases same under certain guarantees and labeling, and naturally expects that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be accordingly notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the administrative officer, the Director of the Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture, Harrisburg, Pennsylvania.

TABLE 1--CLASSIFICATION SHOWING AVERAGE ANALYSES AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAMPLES	BRANDS	GUARAN- TEED	PROTEIN %	FAT %	FIBER %	PRICE PER TON	NO. DEFICIENT		EXCESS FIBER
								PROTEIN	FAT	
Cottonseed Oil Meal	5	4	5	40.61	5.73	10.33	73.00	---	---	---
Linseed Oil Meal	15	5	5	35.56	6.88	7.18	59.75	---	---	---
Soybean Oil Meal	5	12	15	43.40	5.18	5.35	63.40	---	---	---
Distillere Greine	5	4	5	20.78	6.35	17.03	50.00	---	1	1
Brewers' Dried Graine	3	7	8	28.89	6.30	11.26	45.21	---	---	---
Corn Gluten Feed	8	1	3	24.48	2.75	5.85	53.00	---	---	---
Wheat Bran	10	9	10	16.97	4.14	8.26	53.18	---	1	1
Wheat Middlings	9	9	9	16.63	4.29	4.71	52.33	---	2	2
Wheat Mixed Feed	4	3	4	15.05	2.98	2.80	57.60	---	2	2
Alfalfa Meal	14	11	14	15.46	2.52	26.25	65.96	7	1	---
Rye Middlings	2	1	2	15.66	3.07	4.11	---	---	---	---
Flax Screenings	5	4	5	18.05	15.89	11.99	60.00	---	---	---
Oat Feed	4	4	4	4.88	2.85	28.75	47.67	---	---	---
Pulverized Whole Oats	1	1	1	12.69	4.06	10.58	70.00	---	---	---
Proprietary Dairy Feed	179	159	179	21.40	3.81	7.59	62.73	4	20	6
Proprietary Stock, Horse and Mule Feed	30	28	30	14.34	3.60	7.53	64.31	---	8	---
Proprietary Calf Meal	9	9	9	20.31	4.27	6.73	97.80	---	1	---
Proprietary Swine Feed	161	155	161	19.12	3.58	5.84	69.32	4	47	8
Proprietary Sheep and Goat Feed	1	1	1	17.63	4.26	7.43	97.00	---	---	---
Proprietary Chop Feed	21	21	21	12.05	3.07	5.17	66.88	2	10	2
Proprietary Scratch Feed	39	36	39	13.34	2.54	3.15	80.00	---	6	---
Proprietary Mash Feed	533	500	533	19.89	4.01	5.93	75.28	13	107	25
Proprietary Small Animal Feed	81	59	81	---	---	---	---	3	9	4
Steamed Bone Meal	1	1	1	6.56	1.58	5.74	66.00	---	---	1
Liver Meal	2	2	2	62.14	13.77	0.76	112.50	---	---	---
Meat and Bone Scraps	19	14	19	48.35	9.67	2.16	84.82	8	1	---
Meat and Fish Meals	3	3	3	54.92	8.28	1.50	80.97	---	---	---
Crab Meal	1	1	1	29.68	1.44	1.61	---	1	---	---
Tanage	1	1	1	43.56	15.65	1.57	---	1	---	---
Dried Milk Solids	1	1	1	34.56	0.81	---	240.00	---	---	---
Dried Whey	1	1	1	11.81	0.57	0.10	190.00	---	---	---
Miscellaneous	4	4	4	---	---	---	---	1	1	1
TOTAL	1177	1082	1177	---	---	---	---	45	217	49

KEY TO TABLE II SHOWING ANALYSES OF OFFICIAL SAMPLES

Table II shows in detail the results of analyses under the various classifications, together with their guarantees.

Columns are provided for the found and guaranteed protein, fat, and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and subheadings:

OIL CAKE BY-PRODUCTS including Cottonseed Meal, Linseed Oil Meal, and Soybean Oil Meal.

DISTILLERY AND BREWERY BY-PRODUCTS including Distillers' Grains and Brewers' Dried Grains.

MAIZE BY-PRODUCTS including Corn Gluten Feed.

WHEAT OFFAL (with and without Ground Grain Screenings) including Wheat Bran, Wheat Middlings, and Wheat Mixed Feed.

RYE OFFAL including Rye Middlings.

ALFALFA MEAL

FLAX SCREENINGS

OAT BY-PRODUCTS including Oat Feed, and Pulverized Whole Oats.

PROPRIETARY MIXED FEEDS including Dairy Feed, Stock, Horse and Mule Feed, Calf Feed, Swine Feed, Sheep and Goat Feed, Chop Feed, Scratch Feed, Mash Feed and Small Animal Feed.

ANIMAL BY-PRODUCTS including Animal Liver and Glandular Meal, Steamed Bone, Meat Meal, Meat and Bone Scraps, Fish Meal, Crab Meal and Tankege.

MILK PRODUCTS including Dried Milk Solids and Dried Whey.

MISCELLANEOUS FEED

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>OIL CAKE PRODUCTS</u>							
<u>Cottonseed Meal</u>							
C. V. ADAMS Manheim, Pa.							
Cottonseed Meal (680)	39.65	41.00	5.65	5.00	5.17	13.00	- - - - -
Cottonseed Meal (661)	42.63	41.00	6.13	5.00	8.95	13.00	- - - - -
ASHCRAFT-WILKINSON COMPANY Atlanta, Ga.							
Cow-Eze Brand 41% Cottonseed Meal (83)	40.56	41.00	4.78	5.00	11.71	11.00	- - - - -
THE SOUTHERN COTTON OIL COMPANY Goldboro, N. C.							
Good Cottonseed Meal (444)	38.94	36.00	5.87	5.00	15.51	13.00	- - - - -
S. T. YOST Myerstown, Pa.							
Cottonseed Meal (683)	41.31	41.00	6.23	5.00	9.30	13.00	- - - - -
Average	40.61	----	5.73	----	10.33	----	
<u>Linseed Oil Meal</u>							
ARCHER-DANIELS-MIDLAND COMPANY Minneapolis, Minn.							
Archer Brand 34% O. P. Linseed Meal (684)	37.00	34.00	6.54	3.50	7.09	9.00	- - - - -
BISBEE LINSEED COMPANY Philadelphia, Pa.							
K & M Brand 34% Protein O. P. Linseed Meal (17)	33.63	34.00	6.95	5.00	7.07	10.00	- - - - -
Bisbee Brand 34% Protein O. P. Linseed Meal (330)	35.06	34.00	7.28	5.00	6.85	10.00	- - - - -
NATIONAL LEAD COMPANY New York, N. Y.							
Duteb Boy 34% O. P. Linseed Meal (305)	37.19	34.00	5.92	4.50	7.29	10.00	- - - - -
THE SHERWIN-WILLIAMS COMPANY Cleveland, Ohio							
Pure O. P. 34% Linseed Meal (323)	34.94	34.00	7.71	4.50	7.60	9.00	- - - - -
Average	35.56	----	6.86	----	7.18	----	
<u>Soybean Oil Meal</u>							
E. T. ALLEN COMPANY Atlanta, Ga.							
Empire 41% Soybean Oil Meal (81)	42.06	41.00	5.07	4.00	5.82	7.00	- - - - -
ALLIED MILLS, INC Chicago, Ill.							
Wayne 41% Protein Soybean Oil Meal (249)	43.19	41.00	5.01	4.50	5.66	7.00	- - - - -
Wayne 41% Protein Soybean Oil Meal (243)	42.75	41.00	5.14	4.50	5.65	7.00	- - - - -
44% Protein Soybean Oil Meal (244)	43.25	44.00	5.11	3.50	5.03	6.00	- - - - -
ASHCRAFT-WILKINSON COMPANY Atlanta, Ga.							
Gilt Edge Brand O. P. Soybean Oil Meal (82)	43.75	41.00	5.31	4.50	4.80	7.00	- - - - -
BEREA MILLING COMPANY Lexington, Ohio							
Red Arrow Soybean Oil Meal (55)	43.00	41.00	5.90	4.00	2.60	7.00	- - - - -
BISBEE LINSEED COMPANY Philadelphia, Pa.							
Bisbee Brand 41% Protein O. P. Soybean Oil Meal (316)	42.31	41.00	7.23	4.00	5.26	7.00	- - - - -
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	
Biabae Brand 41% Protein O. P. Soybean Oil Meal (445)	43.38	41.00	6.13	4.00	6.56	7.00	- - - - -
THE BUCKEYE COTTON OIL COMPANY Cincinnati, Ohio							
Buckeye 41% Protein Soybean Oil Meal (110)	42.19	41.00	4.41	3.60	6.12	7.00	- - - - -
Buckeye 44% Protein Soybean Oil Meal (262)	46.63	44.00	1.06	.60	7.16	7.80	- - - - -
I. F. LAUCKS, INC. Portsmouth, Va.							
Leux 44 Pure O. P. Soybean Oil Meal (114)	43.50	44.00	4.51	4.00	6.59	6.60	- - - - -
PENNSYLVANIA SOY BEAN ASS'N. Jersey Shore, Pa.							
Penn Soy Meal (723)	43.94	43.00	6.88	5.00	4.36	6.60	- - - - -
THE PROCTOR & GAMBLE DISTILLING CO. Cincinnati, Ohio							
P. & G. 41% Protein Soybean Oil Meal (319)	43.81	41.00	5.21	3.60	5.46	7.00	- - - - -
THE SOUTHERN COTTON OIL COMPANY Goldstoro, N. C.							
SCO-Co Brand Soybean Oil Meal (314)	44.50	45.00	6.06	4.50	5.28	7.00	- - - - -
SCO-Co Brand Soybean Oil Meal (345)	43.69	46.00	5.65	4.50	6.02	7.00	- - - - -
Average	43.40	----	5.18	----	6.35	----	
<u>DISTILLERY AND BREWERY BY-PRODUCTS</u>							
<u>Distillers' Grains</u>							
THE BALTIMORE PURE RTE DISTILLING CO. Baltimore, Md.							
Redwood Distillers Dried Grains (86)	19.13	17.00	7.24	6.00	16.93	20.00	- - - - -
Redwood Distillers Dried Grains (245)	16.00	17.00	7.54	6.00	19.41	20.00	- - - - -
B. J. HEINZ COMPANY Pittsburgh, Pa.							
Distiller's Dried Grains (493)	18.56	16.00	*5.45	7.00	*22.68	18.00	- - - - -
NATIONAL DISTILLERS PRODUCTS CORP. New York, N. Y.							
Produlac Brand Wheat Distillers Grains with Solubles (292)	30.33	27.00	4.66	6.00	10.01	10.00	- - - - -
PUBLIOKER COMMERCIAL ALCOHOL CO. Philadelphia, Pa.							
Wheat Distillers Dried Grains (904)	19.86	20.00	6.56	4.00	16.10	18.00	- - - - -
Average	20.78	----	6.33	----	17.05	----	
<u>Brewers' Dried Grains</u>							
DUQUESNE BREWING COMPANY Pittsburgh, Pa.							
Dried Brewers' Grains (520)	28.50	18.50	6.31	6.65	11.31	22.57	- - - - -
Dried Brewers' Grains (601)	28.69	24.00	6.29	6.00	13.45	20.00	- - - - -
FARMER'S FEED COMPANY New York, N. Y.							
Bull Brand Dried Brewers' Grains (757)	31.63	28.00	7.08	6.00	11.15	17.00	- - - - -
Bull Brand Dried Brewers' Grains (903)	36.94	26.00	6.61	6.00	6.43	17.00	- - - - -
DWIGHT HAMLIN COMPANY Pittsburgh, Pa.							
Hamlin's Dried Brewers' Grains (480)	29.26	24.00	6.29	6.00	11.67	18.00	- - - - -
O. J. MARTENIS GRAIN COMPANY New York, N. Y.							
Alce Dried Brewers' Grains (484)	25.50	24.00	5.68	6.00	12.66	20.00	- - - - -
Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
STEGMAIER BREWING COMPANY Wilkes-Barre, Pa.							
Dried Brewery Grain (295)	25.25	25.00	5.80	5.00	12.30	16.00	- - - - -
VIRGINIA MARYLAND DAIRY FEEDERS CO. Baltimore, Md.							
Brewers' Dried Grains (995)	*25.38	28.00	6.56	6.00	11.24	15.00	- - - - -
Average	28.89	----	6.30	----	11.26	----	
<u>MAIZE BY-PRODUCTS</u>							
<u>Corn Gluten Feed</u>							
CORN PRODUCTS REFINING CO. New York, N. Y.							
Buffalo Corn Gluten Feed (321)	25.31	23.00	2.85	2.00	6.69	8.50	- - - - -
Buffalo Corn Gluten Feed (460)	25.19	23.00	2.38	2.00	7.60	8.50	- - - - -
Buffalo Corn Gluten Feed (504)	22.94	23.00	3.02	2.00	3.27	8.50	- - - - -
Average	24.48	----	2.75	----	5.85	----	
<u>WHEAT OFFAL</u>							
<u>Wheat Bran</u>							
W. E. & R. A BERRS Academie, Pa.							
Pure Wheat Bran (1033)	17.13	12.00	4.01	3.00	8.33	12.00	- - - - -
FRTBURG ROLLER MILLS Fryburg, Pa.							
Pure Wheat Bran (764)	17.50	15.00	4.07	4.00	8.60	10.00	- - - - -
W. J. JENNISON COMPANY Minneapolis, Minn.							
Sweet Cream Pure Wheat Bran (297)	18.75	15.00	5.38	4.00	8.28	12.00	- - - - -
MANEY MILLING COMPANY Omaha, Neb.							
Wheat Bran with Ground Screenings (109)	16.44	14.50	4.69	3.50	9.75	11.00	- - - - -
MARION CENTER MILLING COMPANY Merion Center, Pa.							
Pure Wheat Bran (584)	17.75	15.00	4.38	4.00	7.25	10.00	- - - - -
MAUSER MILL COMPANY Treichlere, Pa.							
Pure Winter Wheat Bran (1162)	16.00	14.00	3.16	3.50	7.09	10.00	- - - - -
SNYDER MILLING COMPANY Timblin, Pa.							
Pine Run Wheat Bran (432)	14.06	15.00	4.02	3.00	8.84	10.00	- - - - -
SPANGLER'S FLOURING MILLS Camp Hill, Pa.							
Winter Wheat Bran (288)	17.39	13.00	*3.39	4.00	*7.42	5.00	- - - - -
STANDARD MILLING COMPANY Chicago, Ill.							
Red Turkey Wheat Bran (242)	17.63	15.00	4.62	3.50	8.61	11.00	- - - - -
Red Turkey Wheat Bran (302)	16.75	15.00	4.72	3.50	6.40	11.00	- - - - -
Average	16.97	----	4.14	----	8.26	----	
<u>Wheat Mixed Feed</u>							
GEORGE DEARMITT Petersburg, Pa.							
Bran & Middlings (1017)	15.25	14.00	*2.89	3.50	3.16	10.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
KELLOGG MILLING COMPANY Minneapolis, Minn.							
Kellogg's Roller Ground Fleked Wheat (241)	15.60	13.00	1.97	2.00	2.68	6.00	- - - - -
SPANCLER'S FLOURING MILLS Camp Hill, Pa.							
Winter Wheat Mixed Feed (786)	14.44	13.00	*2.66	4.00	4.08	5.00	- - - - -
Winter Wheat Mixed Feed (290)	15.00	13.00	4.52	4.00	1.37	5.00	- - - - -
Average	15.05	----	2.98	----	2.80	----	
<u>Wheat Middlings</u>							
INTERNATIONAL MILLING COMPANY Minneapolis, Minn.							
Black Hawk Wheat Flour Middlings (423)	19.88	16.00	4.03	2.00	4.14	4.00	- - - - -
MAUSER MILL COMPANY Treihlers, Pa.							
Pure Standard Wheat Middlings (1163)	16.75	16.00	4.54	3.50	7.61	7.00	- - - - -
Mauser's Flour Middlings (1184)	17.25	16.00	5.06	4.00	3.21	6.00	- - - - -
NATIONAL MILLING BRANCH OF NATIONAL BISCUIT CO. Toledo, Ohio							
Namco Wheat Middlings (24)	13.69	15.00	4.42	3.50	6.68	9.00	- - - - -
S. D. ROHRBACH & SONS Topton, Pa.							
Rohrbeen's Hand Packed Winter Wheat Middlings (1147)	12.00	16.00	4.39	4.00	4.24	6.00	- - - - -
RUSSELL-MILLER MILLING COMPANY Minneapolis, Minn.							
Hard Wheat Occident Standard Middlings (474)	18.56	16.00	5.76	4.00	7.72	9.50	- - - - -
SNYDER MILLING COMPANY Timblin, Pa.							
Pine Run Wheat Middlings (431)	15.31	15.00	*3.36	4.00	2.81	8.00	- - - - -
E. O. SPRENKLE & SON Hollam, Pa.							
Soft Winter Wheat Middlings (640)	13.54	16.00	3.63	4.00	2.02	7.00	- - - - -
YORK ROLLER MILLS COMPANY York, Pa.							
Wheat Flour Middlings (754)	16.69	14.50	*3.19	4.00	4.40	5.10	- - - - -
Average	16.63	----	4.29	----	4.71	----	
<u>RYE OFFAL</u>							
<u>Rye Middlings</u>							
EAGLE ROLLER MILLS COMPANY New Ulm, Minn.							
Eagle Rye Middlings with Screenings (116)	16.38	15.00	3.07	3.00	4.23	9.60	- - - - -
Eagle Rye Middlings with Screenings (873)	15.94	15.00	3.06	3.00	4.00	9.60	- - - - -
Average	16.66	----	3.07	----	4.11	----	
<u>ALFALFA MEAL</u>							
CENTRAL MILLS COMPANY Dunbridge, Ohio							
17% Cent-O-Green Dehydrated Alfalfa Meal (1128)	*14.13	17.00	3.56	1.60	23.04	28.00	- - - - -
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	
CUMBERLAND VALLEY ALFALFA ASS'N. Shippensburg, Pa.							
Oehydrated Alfalfa Meal (668)	17.00	17.00	2.46	1.50	23.98	28.00	- - - - -
FISHEL-HARRISON COMPANY Kingsburg, California							
Alfalfa Meal (694)	16.63	18.00	*1.79	2.50	28.45	28.00	- - - - -
GREEN ACRE FARMS Nazareth, Pa.							
Green Acres Brand Super Quality Alfalfa Meal (688)	16.44	17.00	2.28	2.00	28.50	27.00	- - - - -
KEYSTONE OEHYDRATING COMPANY Nazareth, Pa.							
Keystona Super Green Dehydrated Alfalfa Meal (317)	17.44	17.00	2.02	2.00	25.58	30.00	- - - - -
Keystone Super Green Dehydrated Alfalfa Meal (347)	16.56	17.00	2.17	2.00	25.22	30.00	- - - - -
Keystona Super Green Dehydrated Alfalfa Meal (577)	*11.50	13.00	2.66	2.00	27.41	30.00	- - - - -
MEADOW BROOK FARMS Nazareth, Pa.							
Superior Brand Oehydrated Alfalfa Meal (403)	*15.24	17.00	2.42	2.00	28.82	27.00	- - - - -
SCHOENECKE FARMS, INC. Nazareth, Pa.							
Schoeneck's Super Green Oehydrated Alfalfa Meal (390)	*13.75	17.00	2.75	2.00	23.78	25.00	- - - - -
SUNNY SLOPE FARMS Nazareth, Pa.							
Sunny Slope Farms Oehydrated Alfalfa Meal (407)	*15.06	17.00	2.52	2.00	28.54	28.00	- - - - -
TREMAINE ALFALFA MILLING COMPANY Mesa, Arizona							
Westsun Brand Alfalfa Meal (108)	*14.25	17.00	1.62	1.50	28.03	27.00	- - - - -
TREXLER FARMS Allentown, Pa.							
Buffalo Brand 17% Oehydrated Alfalfa Meal (397)	*13.56	17.00	3.06	2.00	27.82	27.00	- - - - -
Buffalo Brand 17% Oehydrated Alfalfa Meal (703)	17.06	17.00	3.43	2.00	25.44	27.00	- - - - -
Buffalo Brand 17% Fancy Fine Ground Dehydrated Alfalfa Meal (872)	17.88	17.00	2.62	2.00	22.96	27.00	- - - - -
Average	15.46	----	2.52	----	26.25	----	
<u>FLAX SCREENINGS</u>							
J. A. FORREST COMPANY Minneapolis, Minn.							
Ground Flax Screenings (23)	16.00	16.00	9.24	8.00	13.65	14.50	- - - - -
OGILVIE FLOUR MILLS CO., LTD. Fort William, Canada							
Ogilvie Ground Flax Screenings (320)	16.25	17.00	10.77	10.00	14.37	14.50	- - - - -
JAMES RICHARDSON & SONS, LTD. Toronto, Canada							
Ground Flax Screenings (21)	18.50	17.00	20.44	13.00	10.53	14.56	- - - - -
Top Notch Ground Flax Screenings (113)	19.81	17.00	19.89	13.00	10.61	14.50	- - - - -
Top Notch Ground Flax Screenings (871)	19.69	17.00	19.11	13.00	10.78	14.50	- - - - -
Average	18.05	----	18.88	----	11.99	----	
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>OAT BY-PRODUCTS</u>							
<u>Oat Feed</u>							
GENERAL MILLS-PURITY OATS UNIT Keokuk, Iowa							
Oat Mill Feed (112)	3.50	3.50	5.03	2.50	31.40	32.50	- - - - -
NORTHERN ILLINOIS CEREAL COMPANY Lockport, Illinois							
Re-Ground Oat Feed (662)	3.44	3.50	1.51	1.25	30.21	35.00	- - - - -
OGILVIE FLOUR MILLS CO., LTD. Fort William, Canada							
Ogilvie Oat Feed (322)	5.81	5.00	2.35	2.00	28.10	30.00	- - - - -
ROBIN HOOD FLOUR MILLS, LTD. Moosoe Jew, Canada							
Black Hawk Pulverized Oat Hulls (325)	6.75	6.50	2.52	2.00	25.32	27.90	- - - - -
Average	4.88	----	2.85	----	28.75	----	
<u>Pulverized Whole Oats</u>							
NATIONAL OATS COMPANY Cader Rapids, Iowa							
Pulverized Whole Oats (1)	12.69	12.00	4.06	3.00	10.58	13.00	- - - - -
<u>PROPRIETARY MIXED FEEDS</u>							
<u>Proprietary Dairy Feeds</u>							
ADAM'S FEED & GRAIN SERVICE Bath, Pa.							
Adam's Dairy Feed (191)	24.25	20.00	3.84	1.00	7.45	10.00	- - - - -
ALLIED MILLS, INC. Chicago, Ill.							
Amco 16% Dairy Feed (118)	15.13	16.00	3.58	3.00	5.69	9.00	- - - - -
Amco 16% Dairy Feed (236)	17.50	16.00	4.27	3.00	5.23	9.00	- - - - -
Amco 18% Dairy Feed (120)	19.38	18.00	3.80	3.50	6.84	10.00	- - - - -
Amco 24% Universal Dairy Feed (237)	25.69	24.00	4.81	3.50	6.49	10.00	- - - - -
Wayna 16% Dairy Feed (8)	18.44	16.00	4.67	3.00	5.85	9.00	- - - - -
Wayne 16% Dairy Feed (243)	16.94	16.00	3.12	3.00	5.86	9.00	- - - - -
Wayne 16% Dairy Ration (448)	19.50	16.00	2.80	3.00	7.18	9.00	- - - - -
Wayne 18% Dairy Feed (247)	19.50	18.00	3.39	3.50	9.10	10.00	- - - - -
Wayne 24% Dairy Ration (246)	26.31	24.00	3.36	3.50	5.46	9.00	- - - - -
Wayne 24% Dairy Ration (448)	22.88	24.00	3.52	3.50	7.86	9.00	- - - - -
Wayna 24% Dairy Ration (746)	26.06	24.00	3.63	3.50	6.81	7.00	- - - - -
R. S. ALTMAN Irwin, Pa.							
Altman's 20% Dairy Ration (49)	*14.38	20.00	3.91	2.00	6.38	12.00	- - - - -
Altman's 20% Dairy Ration (587)	21.31	20.00	3.31	2.00	6.44	12.00	- - - - -
Altman's 20% Dairy Ration (922)	22.68	20.00	4.10	3.00	8.53	12.00	- - - - -
CLAY ANDERSON & BROTHERS Stewartstown, Pa.							
Anderson's A Dairy Feed (743)	21.38	18.00	*3.71	4.50	*11.86	8.00	- - - - -
ANDERSON GRAIN & FEED COMPANY York, Pa.							
Anderson 16% Dairy Feed (557)	18.25	16.00	5.49	3.50	11.73	12.00	- - - - -
H. O. ANDREWS & SONS Mapleton Depot, Pa.							
Triple A 16% Dairy Feed (1021)	17.06	16.00	5.51	3.50	7.44	12.00	- - - - -
J. C. ARMSTRONG Jamestown, Pa.							
Armstrong's 16% Dairy Ration (511)	25.19	18.00	4.11	4.00	6.12	10.00	- - - - -
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
A. J. BALSBI Catawissa, Pa.							
Milk Well 16% Dairy Feed (276)	20.38	16.00	4.22	3.50	6.64	12.00	- - - - -
Milk Well 24% Dairy Feed (277)	26.38	24.00	4.24	3.50	6.99	12.00	- - - - -
THE BEACON MILLING COMPANY Cayuga, N. Y.							
Beacon "24" for Mixing with Home Graine (92)	24.69	24.00	4.01	4.00	7.72	9.00	- - - - -
Beacon "24" for Mixing with Home Grains (685)	26.31	24.00	4.05	4.00	7.26	9.00	- - - - -
Beacon Emergency Test Cow Ration (94)	17.75	16.00	4.58	4.00	7.71	9.00	- - - - -
BEDFORD MILLING COMPANY Bedford, Pa.							
Bedford 20% Milkolene (805)	20.75	20.00	3.42	3.00	5.88	11.00	- - - - -
H. C. BEKRITS' SONS Somerset, Pa.							
Bob-Bee 20% Dairy Feed (600)	21.75	20.00	3.22	3.50	8.01	10.00	- - - - -
C. D. BELL & SON Hop Bottom, Pa.							
C. D. Bell Cow Feed (955)	28.44	16.00	4.18	3.00	8.33	10.00	- - - - -
BELLEVILLE FLOUR MILLS COMPANY Bellaville, Pa.							
Big Valley Dairy Ration (1025)	19.94	19.00	4.08	3.00	9.87	12.00	- - - - -
Belleville 32% Mixture (1027)	*27.25	32.00	4.52	5.00	6.53	10.00	- - - - -
BIG RUN MILLING COMPANY Big Run, Pa.							
Big Run Dairy Ration (427)	21.44	20.00	*3.73	5.00	6.80	8.00	- - - - -
GEORGE F. BRENNER Stewartstown, Pa.							
Branner's 18% Dairy Feed (758)	20.56	18.00	3.60	3.00	6.39	11.00	- - - - -
BRISTOL FLOUR, FEED & GRAIN COMPANY Bristol, Pa.							
Paerson's 20% Laying Mash (574)	19.00	20.00	*3.10	4.00	5.75	8.00	- - - - -
F. M. BROWN'S SONS Birdsboro, Pa.							
Brown's 18% Dairy Feed (615)	18.44	16.00	3.84	2.50	10.21	11.00	- - - - -
Brown's 20% Dairy Feed (612)	23.50	20.00	4.30	3.00	6.94	11.50	- - - - -
BROWN & PASSETT Tunkhannock, Pa.							
B & F Eighteen Special Dairy Feed (538)	21.13	18.00	3.75	4.00	7.82	10.00	- - - - -
E. P. BURGER Waterford, Pa.							
Burger's 20% Dairy Ration (522)	20.94	20.00	*3.00	3.50	6.26	10.00	- - - - -
BUCK & HUNSBERGER West Point, Pa.							
B. & H. Dairy Feed (1185)	18.31	16.00	4.06	4.00	*12.19	10.00	- - - - -
D. M. CAMPSEY Clayevilla, Pa.							
Campsey's 18% Dairy Feed (464)	20.31	18.00	4.26	5.00	8.97	10.00	- - - - -
CASH FEED STORE New Castle, Pa.							
Supreme Dairy Feed (624)	25.44	20.00	4.00	3.50	8.80	10.00	- - - - -
CATAWISSA MILLING COMPANY Catawissa, Pa.							
Kernie's Sweet 16% Dairy Feed (273)	18.38	16.00	4.35	2.80	6.52	11.00	- - - - -
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
Blue Ribbon 20% Dairy Feed (272)	20.56	20.00	3.82	3.00	7.17	11.00	- - - - -
CHAMBERSBURG ORAIN & COAL COMPANY Chambersburg, Pa.							
20% Dairy Feed (857)	20.13	20.00	3.82	3.00	9.75	12.00	- - - - -
CITY FLOURING MILLS, INC. Muncy, Pa.							
Muncy 20% Dairy Ration (851)	23.06	20.00	4.18	4.00	7.31	11.00	- - - - -
CONNEAUT LAKE ROLLER MILLS Conneaut Lake, Pa.							
Harned's Markitop 18% Dairy Feed (535)	21.06	18.00	3.84	3.50	7.58	12.00	- - - - -
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
18% Dairy Feed (73)	19.31	18.00	3.87	2.75	5.77	9.00	- - - - -
18% Dairy Feed (969)	23.19	18.00	2.48	2.75	7.22	9.00	- - - - -
CUMBERLAND VALLEY COOPERATIVE ASS'N. Shippensburg, Pa.							
Eub 10% Dairy Feed (685)	16.50	16.00	3.13	3.00	11.29	12.00	- - - - -
Eub 20% Dairy Feed (866)	19.88	20.00	3.08	3.00	9.33	12.00	- - - - -
Old Reliable Superior Dairy Ration (664)	19.19	18.00	2.84	3.00	7.09	9.00	- - - - -
DARLINGTON MILLS Derlington, Pa.							
Dermaico 20% Dairy (614)	24.88	20.00	4.57	3.00	8.12	8.00	- - - - -
DAYTON MILLING COMPANY Towanda, Pa.							
Dayton's 16% Dairy Ration (836)	20.31	18.00	3.74	3.50	8.08	9.00	- - - - -
DRAKE FEED & LUMBER COMPANY Cambridge Springs, Pa.							
Drake's Quality 18% Dairy Feed (525)	22.44	18.00	3.43	4.00	6.10	7.00	- - - - -
P. A. DRAKE'S SON Cambridge Springs, Pa.							
Drake's Dairy Ration (526)	21.69	18.00	3.20	4.50	6.58	11.00	- - - - -
DIAMOND MILLING COMPANY New Brighton, Pa.							
Diamond 20% Dairy Ration (775)	23.31	20.00	3.37	3.50	7.54	12.00	- - - - -
Brighton 20% Dairy Ration (777)	23.81	20.00	3.51	3.00	7.04	11.50	- - - - -
DUBLIN MILLING COMPANY Dublin, Pa.							
Dublin Dairy Feed (215)	18.38	18.00	4.02	4.00	8.02	10.00	- - - - -
H. P. DYSON'S SONS COMPANY Loyevilla, Pa.							
Dyson's 15% Dairy Ration (638)	17.69	15.00	4.81	3.80	10.12	12.00	- - - - -
EASTERN STATES FARMER'S EXCHANGE West Springfield, Mass.							
Eastern States 28% Supplement (717)	30.88	28.00	4.69	3.50	7.47	9.50	- - - - -
ERIE-CRAWFORD DAIRY COOPERATIVE ASS'N. Erie, Pa.							
Cooperative Dairy (978)	20.94	18.00	4.24	3.50	7.68	10.00	- - - - -
J. I. ESHELMAN & SONS Greencastle, Pa.							
E.L.M. 16% Dairy Feed (685)	21.56	16.00	2.78	3.00	4.64	12.00	- - - - -
E.L.M. 20% Dairy Feed (867)	21.94	20.00	2.72	3.00	8.80	12.00	- - - - -
E.L.M. 24% Dairy Feed (868)	27.56	24.00	3.11	3.00	7.37	10.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
FLORY MILLING COMPANY, INC. Bangor, Pa.								
National 18% Dairy Feed	(565)	20.75	18.00	4.80	3.00	9.21	11.00	- - - - -
Flory 28% Mixing Ration	(564)	27.06	28.00	3.68	4.00	7.26	10.00	- - - - -
FURRY'S MILL Loysburg, Pa.								
Furry's 16% Dairy Feed	(912)	19.56	16.00	3.54	3.50	10.71	12.00	- - - - -
GENERAL MILLS, INC., LARROWE DIVISION Detroit, Mich.								
Lerro 18% Dairy Feed	(206)	17.69	18.00	3.39	3.00	6.62	12.00	- - - - -
Lerro 18% Dairy Feed	(653)	18.19	18.00	3.29	2.50	5.07	12.00	- - - - -
THE GLIDDEN COMPANY Indianapolis, Ind.								
Capitol 26% General Mixing Dairy & Steer Feed	(99)	24.56	26.00	2.59	1.00	10.40	14.00	- - - - -
Glidden 30% Dairy Mixing Feed	(718)	33.19	30.00	1.23	1.00	7.82	14.00	- - - - -
GOLDEN'S MILL Springville, Pa.								
Golden's Dairy Feed	(545)	23.69	22.00	4.81	4.50	7.39	10.00	- - - - -
GOOD'S CITY MILLS, INC. Williamsport, Pa.								
Good's Dairy Feed	(727)	26.25	24.00	4.89	4.00	7.38	11.00	- - - - -
GOODHART BROTHERS Walnut Bottom, Pa.								
Goodhart's 16% Dairy Feed	(672)	14.81	16.00	3.90	3.00	9.97	12.00	- - - - -
THE GREAT A. & P. TEA COMPANY Philadelphia, Pa.								
Daily Milk Dairy Feed	(169)	18.44	16.00	3.23	2.75	10.03	12.00	- - - - -
HESPERNHEIDE & THOMPSON, INC. York, Pa.								
Premier 16% Dairy Feed	(645)	19.81	16.00	4.17	3.00	7.44	12.00	- - - - -
HONESDALE FLOUR & FEED COMPANY Honesdale, Pa.								
18% Dairy Ration	(549)	21.00	18.00	*3.01	4.00	5.74	9.00	- - - - -
D. E. HORN & COMPANY York, Pa.								
Horn's Dry, Freshening & Heifer Feed	(281)	17.44	12.50	4.13	3.00	8.16	12.00	- - - - -
Horn's Diamond 18% Dairy Feed	(286)	16.50	18.00	4.03	4.00	5.64	11.00	- - - - -
HOWELL & SONS & JOHNSON Morrisville, Pa.								
Ho So Jo Dairy Feed	(573)	18.88	17.00	4.18	4.00	8.70	8.00	- - - - -
HUNTSINGER'S MILL Begins, Pa.								
Quality Dairy Ration	(123)	19.81	18.00	3.96	4.00	7.31	9.00	- - - - -
J. W. JOHNSON & SON Albion, Pa.								
Johnson's Banner Dairy	(517)	20.50	17.00	3.23	3.50	6.23	12.00	- - - - -
KASCO MILLS, INC. Waverly, N. Y.								
Kasco 16% Sweet Dairy Feed	(104)	18.13	16.00	5.05	3.50	8.70	12.00	- - - - -
Kasco 16% Sweet Dairy Feed	(581)	17.25	16.00	4.78	3.50	9.43	12.00	- - - - -
Kasco Beata All 18% Milk Grains	(103)	19.75	18.00	4.24	3.50	6.19	10.00	- - - - -
KINTNER MILLING COMPANY Mehoopany, Pa.								
KMCO Super 18% Dairy Ration	(541)	21.50	18.00	3.55	3.00	6.50	9.00	- - - - -
*Deficient								

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
H. B. KRATZ & SON Schwenksville, Pa.							
Ideal Dairy Ration (178)	21.56	20.50	4.88	3.50	8.19	11.00	- - - - -
M. N. KUNKEL Kempton, Pa.							
Kunkel's Dairy Feed (455)	16.88	18.00	3.92	3.00	9.70	12.00	- - - - -
LAKE BROTHERS South Montrose, Pa.							
Lebro Dairy Feed (868)	20.00	18.00	5.11	3.50	8.03	10.00	- - - - -
LEHMASTER ELEVATOR COMPANY Lemasters, Pa.							
Pernell Dairy Feed (899)	18.31	18.00	3.71	3.50	6.34	9.00	- - - - -
Pernell Dairy Concentrate (900)	34.94	32.00	5.61	4.00	6.54	9.00	- - - - -
JAMES F. LESHER Palm, Pa.							
Leshor's Dairy Feed (193)	16.44	18.00	6.48	5.00	8.57	9.00	- - - - -
J. R. LEWIS Orson, Pa.							
J.R.L. Dairy Ration (548)	21.63	18.00	3.12	3.00	6.77	10.00	- - - - -
LIME VALLEY MILLS Willow Street, Pa.							
Shaeffer's 24% Dairy Feed (618)	24.69	24.00	4.02	3.70	6.96	11.00	- - - - -
LYCOMING MILLS Williamsport, Pa.							
Dairy Feed (729)	24.50	24.00	4.44	3.50	*10.81	9.50	- - - - -
Dairy Feed (732)	33.50	32.00	5.56	3.50	7.72	10.00	- - - - -
LYKENS VALLEY ROLLER MILLS Millersburg, Pa.							
Shiffer's Quality 16% Dairy Feed (648)	20.50	16.00	3.60	3.00	6.15	12.00	- - - - -
MCCAUGHEY FEED & COAL COMPANY Edge Hill, Pa.							
Primex Cow Feed (692)	21.81	20.00	3.33	3.50	8.07	8.00	- - - - -
MAHONING VALLEY MILLING COMPANY Punkatawney, Pa.							
Mahoning 16% Dairy Feed (410)	19.56	18.00	4.14	3.50	8.87	12.00	- - - - -
MANCHESTER GRANGE COOPERATIVE ASS'N. Emigsville, Pa.							
M-G 16% Dairy Feed (747)	18.44	16.00	*3.54	4.50	7.09	7.00	- - - - -
MARION SUPPLY COMPANY Marion, Pa.							
Marion 18% Dairy Feed (860)	20.13	18.00	3.77	4.00	*8.30	7.00	- - - - -
Marion 32% Dairy Supplement (862)	35.56	32.00	4.18	4.00	6.96	8.00	- - - - -
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.							
Bull Brand BB "18" Dairy Ration (677)	24.56	18.00	3.39	3.50	6.72	9.00	- - - - -
Bull Brand BB "18" Dairy Ration (1068)	17.63	18.00	4.37	3.50	8.36	9.00	- - - - -
Hi-Test 18% Dairy Feed (1136)	22.69	18.00	3.56	3.50	7.94	12.00	- - - - -
Hi-Test 18% Dairy Feed (1069)	19.38	18.00	3.38	3.50	7.22	12.00	- - - - -
MARTINSBURG MILLING COMPANY Martinsburg, Pa.							
Blue Ribbon Dairy Feed (1014)	21.63	20.00	4.61	4.00	8.49	12.00	- - - - -
MEAD & BANNISTER North East, Pa.							
M. & E. Dairy (990)	20.13	17.00	*2.42	4.00	6.33	9.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	
S. E. MENGLE'S SONS Creecon, Pa.							
16% Senson's Dairy Ration (336)	22.56	16.00	3.16	3.50	5.95	12.00	- - - - -
THE MIFFLINBURG FARMER'S EXCHANGE Mifflinburg, Pa.							
Fermer's 16% Dairy Ration (945)	20.86	16.00	4.09	3.00	10.43	12.00	- - - - -
G. H. MILLER Sidman, Pa.							
Blue Circle 20% Dairy Feed (595)	22.63	20.00	3.88	3.00	7.74	10.00	- - - - -
MILLPORT ROLLER MILLS Lititz, Pa.							
Zook's Just Rite 20% Dairy Feed (629)	20.44	20.00	3.91	4.00	10.37	12.00	- - - - -
Zook's Just Rita 24% Dairy Feed (628)	23.88	24.00	3.96	3.75	9.64	9.25	- - - - -
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.							
M. H. Dairy Feed (1174)	19.69	18.00	5.33	4.00	7.97	8.00	- - - - -
MOSCOW MILLING COMPANY Moscow, Pa.							
Moscow Milling Co., Dairy Feed 18% (954)	19.31	18.00	*2.68	3.50	6.00	11.00	- - - - -
NYCE'S SUPPLY YARDS New Britain, Pa.							
Gilt Edge 16% Dairy Ration (686)	19.44	16.00	3.73	3.00	7.34	10.00	- - - - -
Gilt Edge 18% Emergency Dairy Ration (687)	21.06	18.00	4.03	3.50	6.63	10.00	- - - - -
H. W. NEIGER & SON East Springfield, Pa.							
Neiger's A Best Dairy Feed (520)	22.44	18.00	*3.34	4.00	4.91	10.00	- - - - -
P. J. OESTERLING & SON, INC. Butler, Pa.							
Sunsida Brand Big 5 Dairy Ration (779)	22.50	20.00	4.03	4.00	8.27	9.00	- - - - -
OMWAKE & OLIVER Greencastle, Pa.							
Antrim 16% Dairy (895)	16.75	16.00	3.16	3.50	9.17	9.00	- - - - -
JOSEPH OTTO North East, Pa.							
Cow Feed (983)	21.63	18.00	*2.83	4.00	5.88	11.00	- - - - -
PENNSYLVANIA FARM BUREAU CO-OP. ASS'N. Harrisburg, Pa.							
Pennsylvania Farm Bureau 26% Milk Maker (371)	30.25	26.00	4.26	2.75	6.20	10.00	- - - - -
PERDUE & ORTON North East, Pa.							
Dairy Ration (993)	18.44	18.00	3.60	4.00	6.18	12.00	- - - - -
PHELPS & SIBLEY COMPANY Cuba, N. Y.							
Dairy Ration (1065)	16.56	16.00	3.59	3.50	7.89	10.00	- - - - -
PHILLIPS FEED & GRAIN SERVICE Germanstown, Pa.							
20% Dairy Feed (189)	19.85	20.00	4.22	4.00	10.03	10.00	- - - - -
PRATT FOOD COMPANY Hammond, Ind.							
Utility Sweet 14% Dairy Feed (312)	16.94	14.00	5.16	3.00	8.52	12.00	- - - - -
Pratt's Sweet 24% Dairy Feed (311)	19.81	16.00	3.10	3.00	6.00	9.00	- - - - -
Pratt's Sweet 24% Dairy Supplement (207)	22.63	24.00	4.36	4.00	5.70	10.00	- - - - -
Pratt's Sweet 24% Dairy Supplement (313)	24.56	24.00	3.54	3.00	5.72	10.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	
PRESTON'S, INCORPORATED Centon, Pe.							
Preston's Superior Milk Mash (845)	20.25	19.40	3.80	4.00	5.92	7.00	- - - - -
Preston's Sweet Dairy (846)	17.56	18.00	*3.38	4.00	*10.09	8.00	- - - - -
PRESTON & JAQUISH Troy, Pe.							
Sweepsteke Milk Maker (838)	17.56	18.00	*2.75	4.00	6.56	9.50	- - - - -
THE QUAKER OATS COMPANY Chicago, Ill.							
Quaker 18% Protein Dairy Ration (298)	18.50	18.00	2.86	3.00	4.83	12.00	- - - - -
Ful-O-Pep 18% Dairy Ration (59)	17.81	18.00	4.63	3.50	7.71	9.00	- - - - -
RALSTON PURINA COMPANY St. Louis, Mo.							
Purine B. & M. Cow Chow (251)	19.56	18.00	3.91	3.50	6.11	10.00	- - - - -
Purine B. & M. Cow Chow (287)	18.68	18.00	3.74	3.50	6.01	10.00	- - - - -
RED BANK MILLS New Bethlehem, Pa.							
Red Bank 32% Excel Dairy (756)	35.63	32.00	5.40	4.50	6.57	10.00	- - - - -
REED MILLING COMPANY Brookville, Pe.							
Triangle 16% Dairy Feed (419)	16.94	16.00	3.22	3.50	11.03	11.00	- - - - -
REX GRAIN & MILLING COMPANY, INC. Buffalo, N. Y.							
Gem 16% Dairy Ration (223)	19.63	18.00	3.40	3.00	6.91	11.00	- - - - -
Gem 16% Dairy Ration (331)	20.94	18.00	3.17	3.00	7.01	11.00	- - - - -
RICHMOND ELEVATOR COMPANY Richmond Furnace, Pe.							
Peth Valley 20% Dairy Feed (905)	24.31	20.00	3.76	3.50	7.81	12.00	- - - - -
THE RICHARDS MILLING COMPANY Cortland, Ohio							
Richard's 18% Dairy Feed (349)	17.81	18.00	4.39	3.00	7.62	10.00	- - - - -
ROBERTS FEED MILL Peckville, Pa.							
Rob Rose 20% Dairy Feed (880)	22.81	20.00	*2.44	4.00	5.59	8.00	- - - - -
H. ROCKWELL & SON Centon, Pe.							
Centon 16% Dairy Ration (843)	17.44	18.00	3.24	3.30	11.05	12.00	- - - - -
Bradford Dairy Ration (839)	19.56	18.00	3.98	3.30	3.99	10.00	- - - - -
ROUX FEED MILL Sharon, Pa.							
Roux 16% Dairy Feed (227)	20.06	16.00	5.13	3.30	6.26	12.00	- - - - -
Roux Red Ribbon 20% Dairy (224)	19.19	20.00	3.16	3.50	5.92	10.00	- - - - -
Roux Red Ribbon 24% Dairy (226)	*19.63	24.00	3.52	3.50	6.61	12.00	- - - - -
SCHIRMER BROTHERS Belle Valley, Pa.							
Schirmer's Dairy Feed (082)	20.25	18.00	3.73	3.00	7.12	9.00	- - - - -
THE SMITH MILLING COMPANY Mt. Union, Pe.							
Dairy Mix (1024)	18.51	16.00	*2.02	3.50	5.09	11.00	- - - - -
R. A. SMITH MILLING COMPANY Northampton, Pe.							
Blue-Band 16% Dairy Feed (698)	19.94	16.00	4.15	3.50	7.76	11.50	- - - - -
Blue-Band 24% Dairy Feed (699)	25.94	24.00	4.58	4.50	7.82	8.50	- - - - -
SOMERSET MILLING COMPANY Somerset, Pa.							
Just Right 18% Dairy Ration (599)	22.25	18.00	*3.68	4.50	6.16	9.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
JESSE C. STEWART COMPANY Pittsburgh, Pa.								
Iron City 16% Dairy Feed	(488)	21.56	18.00	2.72	3.00	10.72	12.00	- - - - -
D. A. STICKELL & SONS, INC. Hagerstown, Md.								
Dairy Queen Sweet 20% Milk Maker	(145)	20.94	20.00	3.39	3.50	6.23	10.00	- - - - -
Dairy Queen Sweet 20% Milk Maker	(253)	19.06	20.00	3.62	3.50	6.28	10.00	- - - - -
STUDEBAKER & FAWCETT Enon Valley, Pa.								
Volley 16% Dairy Ration	(811)	20.75	16.00	*2.23	3.00	6.52	12.00	- - - - -
SWINGLE BROTHERS Leke Ariel, Pa.								
Diract 18% Dairy Ration	(960)	22.63	18.00	3.21	3.50	7.48	10.00	- - - - -
W. N. TELFER & BROTHER Port Royal, Pa.								
Telfar's 16% Economy Dairy Feed	(1035)	24.19	16.00	3.16	3.50	6.61	9.00	- - - - -
W. M. TEMPLETON & SONS Houston, Pa.								
Templeton's 32% Dairy Feed	(470)	34.69	32.00	4.69	3.00	6.45	9.00	- - - - -
ALBERT J. THOMPSON Tycoma, Pa.								
Koalmix 16 Dairy Feed	(212)	17.06	16.00	3.90	3.50	6.27	8.00	- - - - -
THEORPE, BAKER & COMPANY Carbondela, Pa.								
C. A. Dairy Ration	(963)	27.75	16.00	3.77	3.00	7.11	9.00	- - - - -
TOWN MILLS Shippensburg, Pa.								
Funk's Dairy Feed	(669)	19.25	16.00	3.76	3.25	*13.15	10.50	- - - - -
JACOB TRINLEY & SONS Linfield, Pa.								
Trinley's 16% Dairy Feed	(187)	14.88	16.00	4.13	3.50	6.01	11.00	- - - - -
TYRONE MILLING COMPANY Tyrona, Pa.								
Ty-Co 18% Dairy Feed	(1007)	19.31	18.00	3.63	3.50	6.94	11.00	- - - - -
UBIKO MILLING COMPANY Cincinnati, Ohio								
20% Sweet Union Grains Dairy Ration	(32)	20.69	20.00	6.07	4.00	8.78	10.00	- - - - -
VANDERVORT MILLS Laceyville, Pa.								
Vandervort's 20% Special Dairy Ration	(533)	23.56	20.00	4.05	4.00	6.40	10.00	- - - - -
VOLANT MILLS Volant, Pa.								
32% Dairy Ration	(769)	34.56	32.00	3.98	4.00	7.31	12.00	- - - - -
C. Y. WAGNER & COMPANY Bellefonte, Pa.								
Wagner's 16% Dairy Feed	(1119)	19.56	16.00	3.58	3.00	8.58	12.00	- - - - -
WALKER BROTHERS Chambersburg, Pa.								
Walker's 16% Dairy	(686)	20.13	16.00	2.76	3.00	8.53	16.00	- - - - -
WAYMART MILLING COMPANY Waymart, Pa.								
Way-Beat Dairy Ration	(966)	28.13	18.00	4.71	3.00	7.78	10.00	- - - - -
*Deficient								

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	
WAYNE MILLING COMPANY Honesdale, Pa.							
Wayne Dairy (553)	21.06	18.00	3.93	3.50	7.20	11.00	- - - - -
WAYNESBURG MILLING COMPANY Waynesburg, Pa.							
16% Dairy Feed (476)	19.06	16.00	3.36	3.50	8.21	12.00	- - - - -
C. P. WENGER & SON Ephrata, Pa.							
Wenger's 24% Dairy Feed (1135)	25.36	24.00	7.29	4.50	11.28	12.00	- - - - -
M. M. WENGER Rheems, Pa.							
J. W. 17% Complete Dairy Feed (1151)	20.75	17.00	4.16	4.00	7.61	10.50	- - - - -
WESTERN FLOUR COMPANY Charleroi, Pa.							
Economy 24% Dairy Feed (466)	*18.94	24.00	3.89	3.50	9.78	11.00	- - - - -
A. H. WHITE Harrisburg, Pa.							
White's Bradco Dairy Ration (1051)	23.31	18.00	4.17	4.00	6.91	8.00	- - - - -
WOODBURY MILLING COMPANY Woodbury, Pa.							
Crown 16% Laying Mash (816)	17.56	16.00	*3.12	4.00	8.78	8.00	- - - - -
WOLFEARTH BROTHERS Florida, Pa.							
Florin 20% Dairy Ration (1152)	24.56	20.00	6.00	4.00	*10.75	9.00	- - - - -
WRIGHT MILLING COMPANY Claysburg, Pa.							
20% Dairy Feed (997)	19.13	16.00	3.62	2.50	6.94	12.00	- - - - -
C. R. ZECHMAN'S FLOUR MILLS Pottsgrove, Pa.							
Zechman's 16% Milk Producer (639)	19.56	16.00	*1.65	4.00	6.30	9.00	- - - - -
Average	21.40	----	3.81	----	7.59	----	
<u>Proprietary Stock, Horse and Mule Feed</u>							
ALLIED MILLS, INC. Chicago, Ill.							
Amco Horse Feed (119)	10.59	9.00	3.44	2.50	6.41	10.00	- - - - -
R. A. BATES & SON Knoxville, Pa.							
Oak Leaf Horse Feed (1049)	16.94	11.00	*1.06	3.50	5.16	8.00	- - - - -
THE BEACON MILLING COMPANY, INC. Cayuga, N. Y.							
Beacon Pitting Ration (93)	21.56	14.00	3.34	3.50	6.26	8.00	- - - - -
CANONSBURG MILLING COMPANY Canonsburg, Pa.							
C. M. O. Horse Feed (472)	13.94	10.00	3.99	3.00	8.05	8.00	- - - - -
CATAWISSA MILLING COMPANY Catawissa, Pa.							
Kernie's Horse Feed (274)	10.56	6.50	3.94	2.80	5.14	11.00	- - - - -
COOPERATIVE G. L. F. MILLS, INC. Buffalo, N. Y.							
G. L. F. Horse Feed (76)	13.21	9.00	3.54	3.00	7.98	9.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
DAYTON MILLING COMPANY Towanda, Pa.							
Dayton's Fitting Retion (838)	14.69	12.00	3.53	3.50	7.24	9.00	- - - - -
ERIE-CRAWFORD DAIRY COOPERATIVE ASS'N. Erie, Pa.							
Cooperative Horse Feed (977)	13.31	10.00	3.08	3.50	6.64	10.00	- - - - -
J. I. ESKELMAN & SONS Greencastle, Pa.							
E. L. M. Horse Feed (886)	14.00	11.00	*2.66	3.50	6.36	9.00	- - - - -
HESPERHEIDE & THOMPSON, INC. York, Pa.							
Premier 85% Horse Feed (646)	14.38	9.00	3.46	3.00	8.54	10.00	- - - - -
HONESDALE FLOUR & FEED COMPANY Honesdale, Pa.							
Tru-Mix Fitting Retion (552)	17.25	15.00	*2.83	4.00	5.76	8.00	- - - - -
HUNTSINGER'S MILL Egine, Pa.							
Quality Horse Feed (130)	14.94	11.00	2.84	3.00	5.62	9.00	- - - - -
LANEY'S FEED STORE Huntingdon, Pa.							
Stock Feed (1018)	11.94	8.00	*2.17	3.00	8.74	13.00	- - - - -
THE LAWRENCE MILLING COMPANY Lawrence, Kansas							
Melte Mix Stock Feed (999)	13.50	15.00	3.50	3.50	5.95	9.50	- - - - -
PHELPS & SIBLEY COMPANY Cube, N. Y.							
Fitting Retion (1064)	13.94	13.00	*2.80	3.50	6.67	8.00	- - - - -
PRESTON'S, INC. Centon, Pa.							
Preston's Fitting Retion (848)	14.38	12.00	*2.00	4.00	8.79	10.00	- - - - -
THE QUAKER OATS COMPANY Chicago, Ill.							
Quaker Sugared Schumacher Feed (27)	9.38	10.00	2.92	3.00	9.54	12.00	- - - - -
Quaker Sugared Schumacher Feed (62)	11.81	10.00	3.00	3.00	8.46	12.00	- - - - -
Quaker Engered Schumacher Feed (30Q)	10.38	10.00	2.78	3.00	8.95	12.00	- - - - -
ROUX FEED MILLS Sharon, Pa.							
Roux Horse Feed (228)	10.25	10.00	4.08	3.50	6.48	12.00	- - - - -
B. F. SHEESLEY & SON Harrisburg, Pa.							
Jumbo Live Stock Feed (90)	22.50	22.00	11.15	6.00	10.81	11.00	- - - - -
Sheesley's Champion Live Stock Feed (22)	15.63	16.00	10.45	10.00	10.73	12.00	- - - - -
SPEHGER MILLING COMPANY Thompson, Pa.							
Horse Feed (547)	13.44	9.00	3.25	3.00	5.87	7.50	- - - - -
D. A. STICKELL & SONS, INC. Hagerstown, Md.							
Sn-Par Horse & Calf Feed (254)	11.63	9.00	3.72	2.50	8.86	12.00	- - - - -
SWINGLE BROTHERS Lake Ariel, Pa.							
Direct Fitting Retion (959)	15.69	12.00	*2.81	3.50	8.29	10.00	- - - - -
*Deficient							

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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THORPE, BAKER & COMPANY Carbondale, Pa.								
Fitting Ration	(961)	23.13	13.00	3.54	3.00	6.11	10.00	- - - - -
JACOB TRINLEY & SONS Linfield, Pa.								
Real 85% Horse Feed	(186)	11.13	10.00	3.63	3.00	10.12	11.00	- - - - -
UBIKO MILLING COMPANY Cincinnati, Ohio								
Honeycomb Fitting Ration	(33)	15.44	12.00	3.65	2.50	6.56	15.00	- - - - -
VANDERVORT MILLS Leeseyville, Pa.								
Vandervort's 12% Fitting Ration	(535)	15.19	12.00	3.67	4.00	6.39	7.00	- - - - -
WAYNE MILLING COMPANY Honesdale, Pa.								
Wayne Fitting Ration	(555)	16.61	12.00	*0.88	4.00	6.74	7.00	- - - - -
Average		14.34	----	3.60	----	7.58	----	
<u>Proprietary Calf Feed</u>								
ALLIED MILLS, INC. Chicago, Ill.								
Wayne Complete Calf Feed	(10)	17.19	16.00	3.74	3.00	6.16	9.00	- - - - -
Wayne Calf Meal	(450)	24.81	24.00	4.14	3.50	6.08	7.00	- - - - -
THE BEACON MILLING COMPANY, INC. Cayuga, N. Y.								
Beacon Calf Grain	(98)	15.31	14.00	3.61	4.00	6.16	10.00	- - - - -
BEDFORD MILLING COMPANY Bedford, Pa.								
Bedford Calf Diet	(803)	16.38	14.00	*2.51	3.00	6.34	7.00	- - - - -
F. W. HUTCHISON & COMPANY New Castle, Pa.								
Hutchison's Calf Feed	(827)	20.61	19.00	4.05	3.00	7.66	9.00	- - - - -
McMILLEN FEED MILLS Fort Wayne, Indiana								
Master Mix Calf Meal	(265)	26.31	26.00	4.51	3.00	6.93	7.00	- - - - -
THE QUAKER OATS COMPANY Chicago, Ill.								
Ful-O-Pep Calf Starter (Pellets)	(63)	19.50	20.00	5.21	4.50	6.39	8.00	- - - - -
Ful-O-Pep Calf Starter (Mesh)	(64)	20.44	20.00	5.16	4.50	5.94	8.00	- - - - -
ROUX FEED MILLS Sharon, Pa.								
Roux Calf Meal	(231)	22.06	20.00	5.34	3.00	4.96	5.00	- - - - -
Average		20.51	----	4.27	----	6.73	----	
<u>Proprietary Swine Feed</u>								
ADAM'S GRAIN & FEED SERVICE Beth, Pa.								
Adam's Hog Feed	(190)	15.69	15.00	2.26	2.50	3.22	6.00	- - - - -
ALLIED MILLS, INC. Chicago, Ill.								
Amco Pig & Sow Meal	(239)	22.13	20.00	4.19	3.00	5.08	7.00	- - - - -
Amco Pork Producer	(240)	16.25	14.00	4.02	3.00	3.88	7.00	- - - - -
Amco 35% Hog Supplement	(238)	34.88	35.00	4.77	3.50	7.21	8.00	- - - - -
Wayne Pig and Sow Meal	(7)	20.31	20.00	4.79	3.00	5.59	7.00	- - - - -
Wayne Pig and Sow Meal	(436)	21.00	20.00	3.33	3.00	7.14	7.00	- - - - -
Wayne "V" Hog Supplement	(447)	36.06	35.00	5.09	3.50	6.49	8.00	- - - - -
*Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
R. S. ALTMAN Irwin, Pa.								
Altman's Hog Feed	(588)	21.94	15.00	2.84	5.00	3.74	7.00	- - - - -
Altman's Hog Feed with Yeast	(50)	15.88	15.00	4.43	3.00	4.45	7.00	- - - - -
Altman's Hog Feed with Yeast	(929)	18.44	15.00	2.77	3.00	5.79	7.00	- - - - -
ANCHOR MILLS Bethlehem, Pa.								
Anchor Hog Feed	(378)	15.31	15.00	*3.25	4.00	7.95	9.00	- - - - -
CLAY ANDERSON & BROS. Stewartstown, Pa.								
Anderson's A Pig Meal	(744)	20.81	18.00	4.05	4.00	5.47	8.00	- - - - -
H. O. ANDREWS & SONS Mapleton Depot, Pa.								
Pig & Hog Meal	(1020)	17.75	15.00	3.64	4.00	5.47	9.00	- - - - -
J. C. ARMSTRONG Jamestown, Pa.								
Armstrong's Special Pig & Hog Feed	(512)	17.44	15.00	*2.52	4.00	3.94	4.50	- - - - -
ATLANTIC SUPPLY COMPANY Duncannon, Pa.								
Atlantic Hoggar	(144)	33.63	35.00	5.82	4.00	8.20	8.00	- - - - -
Atlantic Hoggar	(325)	35.94	35.00	4.91	4.00	7.89	8.00	- - - - -
Atlantic Hoggar	(344)	36.25	35.00	5.41	4.00	8.79	8.00	- - - - -
CHARLES R. BARN Bittersville, Pa.								
Bahn's Hog Feed	(735)	16.88	15.00	4.75	3.00	6.22	9.00	- - - - -
A. J. BALSBI Cetewices, Pa.								
Pig Starter	(279)	19.19	20.00	5.84	3.50	*5.77	5.00	- - - - -
Must Gro Pig & Hog Feed	(275)	18.25	17.00	4.01	4.00	6.10	10.00	- - - - -
Must Liv & Gro Pig Feed	(278)	34.88	36.00	6.32	3.00	5.99	5.00	- - - - -
D. G. BAMFORD MILLING COMPANY Midway, Pa.								
Bamford's Hog Feed with A-F Yeast Foam	(467)	21.55	18.00	3.19	3.50	5.25	8.00	- - - - -
BARE MILLING COMPANY Roaring Spring, Pa.								
Sterling Pig & Hog Meal	(1009)	18.44	15.00	3.64	4.00	5.74	9.00	- - - - -
R. A. BATES & SON Knoxville, Pa.								
Oak Leaf Pig & Hog Grower	(1046)	19.94	15.00	*2.58	4.00	6.09	8.00	- - - - -
BELLEVILLE FLOUR MILLS COMPANY Bellaville, Pa.								
Blue Ribbon Pig Meal	(1028)	14.50	16.00	*2.58	3.50	8.13	12.00	- - - - -
BOEHNER'S MILL Pillow, Pa.								
Bohner's Pig Meal	(652)	17.06	18.00	4.02	4.00	5.88	8.00	- - - - -
D. G. BRANDT & SONS Annville, Pa.								
Blue Ribbon Pig & Hog Meal	(794)	19.15	18.00	*1.16	4.00	*12.02	7.00	- - - - -
GEORGE F. BRENNER Stewartstown, Pa.								
Brenner's Pig Meal	(740)	20.19	15.00	3.57	3.50	5.48	7.00	- - - - -
*Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
F. M. BROWN'S SONS Birdsboro, Pa.							
Imperial Pig Feed (614)	19.44	16.00	*2.54	4.00	6.63	8.00	- - - - -
BROWN & PASSETT Tunkhannock, Pa.							
B. & F. Hog Ration (540)	18.81	17.00	4.58	5.00	5.30	8.00	- - - - -
B. T. BRUBAKER Bowmansdale, Pa.							
Brubaker's Hog Meal (788)	21.44	16.00	*3.06	5.00	6.05	8.00	- - - - -
BUCK & HUNSBERGER West Point, Pa.							
B. & H. Pig Feed (1182)	15.81	16.00	*3.11	4.00	5.36	10.00	- - - - -
E. P. BURGER Waterford, Pa.							
Burger's Hog Meal (523)	16.94	15.00	*2.57	4.00	6.10	7.00	- - - - -
T. P. BURKETT Oliveburg, Pa.							
Burkett's Monarch Hog Feed (429)	17.44	16.00	*2.87	4.00	5.97	9.00	- - - - -
BURNHAM FEED COMPANY Tyrone, Pa.							
Burnham's Economy Hog Feed (1002)	15.75	14.00	3.42	3.50	8.62	10.00	- - - - -
J. A. CADWALLADER Yardley, Pa.							
Keystone Mix Pig Feed (569)	21.56	13.00	2.60	2.50	5.25	6.00	- - - - -
D. M. CAMPESEY Clayeville, Pa.							
Campsey's Pig & Hog Feed (463)	18.06	15.00	4.35	4.00	6.47	8.00	- - - - -
CANONSBURG MILLING COMPANY Canonsburg, Pa.							
C. M. C. Hog Feed (473)	17.25	14.00	3.54	2.00	6.01	8.00	- - - - -
CATAWISSA MILLING COMPANY Catawissa, Pa.							
Kernie's 16% Hog Feed (271)	16.88	16.00	3.15	3.50	6.79	10.00	- - - - -
ELWOOD R. CHAMEERS Elkview, Pa.							
Big Elk Hog Feed (608)	19.94	15.00	*2.16	3.50	3.90	7.50	- - - - -
CHAMBERSBURG GRAIN & COAL COMPANY Chambersburg, Pa.							
W-D Pig Meal (855)	16.94	16.00	3.67	4.00	3.90	10.00	- - - - -
CLINTONDALE MILLS Clintondale, Pa.							
"Treder" Hog & Pig Meal (719)	19.06	16.00	*2.33	3.50	4.96	7.00	- - - - -
COOPERATIVE G. L. F. MILLS, INC. Buffalo, N. Y.							
G. L. F. Fitting Ration (77)	13.06	12.00	3.39	2.50	5.45	9.00	- - - - -
G. L. F. Hog Feed (75)	19.44	17.00	3.56	2.00	5.96	8.00	- - - - -
CUMBERLAND VALLEY COOPERATIVE ASS'N. Shippensburg, Pa.							
Old Reliable Pig & Hog Meal (667)	15.13	15.00	3.16	3.00	7.44	8.00	- - - - -
J. B. CURRY'S SONS Swatara Station, Pa.							
Curry's 50-50 Hog Feed (356)	19.88	17.00	5.22	4.00	4.28	9.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CUSTER'S FLOUR MILL Milton, Pa.							
Custer's Pig Meal (941)	18.88	18.00	3.51	3.50	5.12	5.00	- - - - -
DENVILLE MILLING COMPANY Denville, Pa.							
Denville Hog Feed 16% (258)	17.56	16.00	3.90	4.00	3.71	7.00	- - - - -
DAVIS FEED MILL Ruehland, Pa.							
Davis Pig Feed (209)	18.25	15.00	4.52	3.50	4.64	7.00	- - - - -
DAYTON MILLING COMPANY Towanda, Pa.							
Dayton's Hog Ration (835)	16.50	16.00	*2.53	3.00	5.77	8.00	- - - - -
DEWALD'S MILL Bloomsburg, Pa.							
Blue Ribbon Pig & Hog Meal (265)	14.69	14.00	6.16	4.00	7.51	7.00	- - - - -
Blue Ribbon Hog Supplement (266)	37.31	34.00	5.66	4.00	5.97	7.00	- - - - -
H. P. DYSON'S SONS COMPANY Loyeville, Pa.							
Dyeon's Pig & Hog Feed (639)	17.00	15.00	3.88	4.25	6.81	8.00	- - - - -
EAST FAYETTEVILLE ELEVATOR COMPANY East Fayetteville, Pa.							
Superior Pig Meal (889)	16.25	18.00	*2.63	4.00	*8.53	7.00	- - - - -
H. N. EPPINGER New Bedford, Pa.							
Eppinger Pig & Hog Meal (765)	19.06	16.00	4.05	4.00	6.64	7.50	- - - - -
ERIE-CRAWFORD DAIRY COOPERATIVE ASS'N. Erie, Pa.							
Erie-Crawford Hog Feed (975)	18.04	16.00	*2.60	4.00	5.33	8.00	- - - - -
J. I. ESHELMAN & SONS Greencastle, Pa.							
E. L. W. Sure Curl Pig Meal (870)	19.31	17.00	*2.77	3.50	5.89	9.00	- - - - -
FARMERS THRIFT MILL OF DURHAM, INC. Durham, Pa.							
Riegel's Pig & Hog Ration (360)	16.31	15.00	3.61	3.50	5.48	6.50	- - - - -
STANLEY G. FICKES ESTATE Newport, Pa.							
Fickes Pig Meal (632)	18.31	19.00	3.82	4.00	5.32	7.00	- - - - -
FLORY MILLING COMPANY, INC. Bangor, Pa.							
Flory Hog Meal (565)	17.81	15.00	*2.39	3.00	4.63	9.00	- - - - -
FORSHEY'S FEED & GRAIN MILL Martinsburg, Pa.							
Forehey's Pig & Hog Feed (921)	18.38	16.00	5.94	3.50	6.18	7.00	- - - - -
S. FOUGHT & SON Hughesville, Pa.							
Fought's Penn State Hog & Pig Ration (1058)	18.56	17.00	2.75	3.00	3.28	6.50	- - - - -
FREED BROTHERS Liverpool, Pa.							
Hog Feed (310)	15.69	14.00	*3.27	4.00	5.11	8.00	- - - - -
FREYERMUTH MILLS Sandy Lake, Pa.							
Freyermuth's Quality All-In-One Hog Feed (530)	15.88	15.00	3.43	3.75	5.16	6.50	- - - - -
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	Found P. ct.	Guar. P. ct.	
D. D. FRITCH MILLING COMPANY Macungia, Pa.							
"XXXX" Pig-N-Hog Ration (704)	18.06	17.00	3.44	3.50	6.41	7.00	- - - - -
FURRY'S MILL Loydsburg, Pa.							
Furry's Pig Meal (915)	20.06	18.00	5.11	4.00	6.45	8.00	- - - - -
Furry's Hog Feed (914)	18.50	14.00	4.42	3.50	7.28	9.00	- - - - -
GENERAL MILLS, INC. Detroit, Michigan							
Larro Sow & Pig Builder (498)	17.06	16.00	*2.37	3.00	6.11	8.00	- - - - -
GOOD'S CITY MILLS, INC. Williamsport, Pa.							
Good's Pig & Hog Meal (724)	16.00	15.00	3.73	4.00	7.47	7.00	- - - - -
HANEY-FRAZIER MILLING COMPANY Danville, Pa.							
Haney-Frazier All-In-One Hog Feed (262)	18.75	15.00	3.30	3.50	6.11	10.00	- - - - -
DR. HEINZ COMPANY Cincinnati, Ohio							
Heinz Bu-Way Hog Maker (86)	13.31	14.00	*2.98	4.00	6.13	7.00	- - - - -
J. H. HERSEBERGER & SON Johnstown, Pa.							
Brownie Pig & Hog Feed (597)	15.69	16.50	3.29	3.50	5.44	6.00	- - - - -
J. F. HOGSETT & SONS Uniontown, Pa.							
Hogsett's Prepared Hog Feed (459)	17.56	18.00	3.49	3.50	7.86	9.00	- - - - -
HONESDALE FLOUR & FEED COMPANY Honesdale, Pa.							
Tru-Mix Pig Feed (550)	17.19	16.00	*2.84	4.00	6.09	9.00	- - - - -
D. E. HORN & COMPANY York, Pa.							
Horn's Blue Streak Pig & Hog Meal (269)	19.19	16.00	4.54	4.00	7.85	12.00	- - - - -
HUNTSINGER'S MILL Hegins, Pa.							
Quality Hog Feed (132)	24.75	15.00	*3.36	4.00	5.67	7.00	- - - - -
P. W. HUTCHISON & COMPANY New Castle, Pa.							
Hutchison's Special Pig Mix (925)	20.68	16.00	3.17	3.00	4.76	6.50	- - - - -
KEEBLER'S FEED & FARM SUPPLIES Montoursville, Pa.							
Keebler's Pig & Hog Meal (1055)	18.86	14.00	*2.46	4.00	5.04	6.00	- - - - -
KEYSTONE FEED & FARM PRODUCTS CORP. Connellsville, Pa.							
Keystone Yeast Pig & Hog Feed (478)	19.05	15.00	3.62	3.00	5.02	11.00	- - - - -
KEYSTONE FLOUR & FEED COMPANY Punkstutawacy, Pa.							
Imperial Pig & Hog Pork Maker (412)	19.06	16.00	3.86	4.00	6.60	11.00	- - - - -
KEYSTONE MILLS Hughesville, Pa.							
Keystone Pig & Hog Feed (1060)	16.94	16.00	*3.01	4.00	5.66	7.00	- - - - -
KLEINER MILLING COMPANY Mechopany, Pa.							
KREC Pig Ration (543)	16.94	14.00	3.34	3.00	4.77	5.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
H. B. KRATZ & SON Schwenksville, Pa. Ideal Pig & Hog Feed (179)	18.56	17.00	4.24	4.00	6.49	8.50	-----
KURTZ LUMBER COMPANY Punxsutewney, Pa. Punx'y Quality Pig & Hog Feed (416)	15.44	14.00	3.20	3.00	5.15	10.00	-----
LAFONA MILLS Lafona, Pa. Heaney's Pig & Hog Feed (566)	15.38	15.00	*2.98	4.00	3.66	4.50	-----
LERMASTER ELEVATOR COMPANY Lemasters, Pa. Parnell Hog Feed (901) Parnell Pig Feed (902)	16.56 17.31	16.00 15.00	2.80 3.35	3.00 3.50	3.82 4.69	6.50 6.50	-----
A. F. LEIDY Delphi, Pa. Laidy's Hog Feed (175)	15.94	16.00	3.75	4.00	3.24	7.00	-----
LEPLEY & SHIEVER Prospect, Pa. Diamond Hog Feed (822)	16.50	16.00	*3.18	4.00	5.39	8.00	-----
JAMES F. LESHER Palm, Pa. Laeher's Pig & Hog Feed (194)	13.56	14.00	3.75	4.10	4.21	5.00	-----
W. H. MANBECK & COMPANY Mifflin, Pa. Juniata Pig Ration (1031)	19.31	18.00	3.09	3.00	5.16	6.00	-----
MANDATA ROLLER MILLS Herdon, Pa. Wendt's Pig & Hog Meal (348)	20.63	16.00	4.98	4.00	7.49	8.00	-----
MARION SUPPLY COMPANY Marion, Pa. Marion Pig & Hog Meal (859) Marion 35% Hog Supplement (861)	16.06 35.88	14.00 35.00	3.13 4.41	3.00 4.00	4.91 6.06	7.50 7.50	-----
MARTINSBURG MILLING COMPANY Martinsburg, Pa. Champion Pig Meal (1013)	17.88	20.00	4.02	4.00	6.39	6.00	-----
MAUSER MILL COMPANY Palmerton, Pa. Mauser's Mixed Hog Feed (1157)	18.06	16.00	4.16	3.00	*7.06	6.00	-----
MCCAUGHEY FEED & COAL COMPANY Edge Hill, Pa. Primax Pig "H" Hog (693)	21.19	16.00	*3.12	4.00	4.95	6.00	-----
MEAD & BANNISTER North East, Pa. M. & B. Hog Feed (987)	18.00	18.00	3.18	3.50	3.32	7.00	-----
MECHANICSBURG MILLING COMPANY Mechanicsburg, Pa. Brandt's O. K. Pig & Hog Feed (284)	17.50	19.00	*0.95	4.00	5.65	7.00	-----
S. E. MENGLE'S SONS Crason, Pa. Semon's 35% Hog Supplement (341)	35.25	35.00	6.93	4.00	7.18	7.00	-----
MIDLAND MILLING & SUPPLY COMPANY Midland, Pa. Burton Pig & Hog Grower (770)	15.75	16.00	3.56	3.50	6.52	7.00	-----
Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
THE MIFFLINBURG FARMERS EXCHANGE, INC. Mifflinburg, Pa.							
Farmer's Pig & Hog Feed (944)	19.19	15.00	*2.35	3.00	7.16	9.00	- - - - -
MILLERSVILLE SUPPLY COMPANY Millersville, Pa.							
Hog Feed (2)	13.00	13.00	3.49	3.02	6.11	7.50	- - - - -
Hog Mix (442)	14.06	13.00	3.16	3.02	6.93	8.50	- - - - -
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.							
Superior Hog Ration (1175)	17.69	15.00	4.03	4.00	2.77	6.00	- - - - -
MOR-LOU FARMS Fallsington, Pa.							
Mor-Lou Farms Pig & Hog Feed (376)	17.81	15.00	4.30	4.00	6.87	7.00	- - - - -
A. B. MUSSER Bowmansville, Pa.							
A. H. M. Pig & Hog Feed (1138)	22.69	15.00	4.11	4.00	5.26	7.00	- - - - -
NICKEL PLATE MILLS Erie, Pa.							
Nickel Plate Hog Feed (972)	21.19	17.00	4.17	3.50	5.56	10.00	- - - - -
H. W. NEIGER & SON East Springfield, Pa.							
Neigar's Pig & Hog Meal (518)	19.55	15.00	*2.90	4.00	3.50	4.00	- - - - -
P. J. OESTERLING & SON Butler, Pa.							
Penna. State Farmer's Hog Ration (606)	16.31	14.00	3.93	4.00	6.96	9.00	- - - - -
OMWAKE & OLIVER Greencastle, Pa.							
Antrim Pig & Hog Meal (894)	*15.06	18.00	*2.51	4.00	6.77	9.00	- - - - -
JOSEPH OTTO North East, Pa.							
Hog Feed (985)	19.06	18.00	*2.22	4.00	5.46	9.00	- - - - -
PARK & POLLARD COMPANY Buffalo, N. Y.							
Go-Tu-It Pig & Hog Ration (594)	15.68	15.00	3.00	3.00	6.45	8.00	- - - - -
FERDUE & ORTON North East, Pa.							
Hog Feed (994)	*12.19	17.00	*3.27	4.00	4.79	8.00	- - - - -
PHELPS & SIBLEY COMPANY Cuba, N. Y.							
Pig & Hog Feed (1066)	16.63	14.00	3.62	3.50	6.04	6.00	- - - - -
PINE RUN FARM SUPPLY Doylestown, Pa.							
Pine Run Hog Feed (399)	16.69	14.00	4.57	4.00	6.32	8.00	- - - - -
THE QUAKER OATS COMPANY Chicago, Ill.							
Ful-O-Pep Pig-N-Sow (301)	17.36	16.00	4.28	4.00	6.63	8.00	- - - - -
H. E. QUICKEL Dover, Pa.							
Dover Pig Meal (751)	21.13	16.00	*3.24	4.00	7.59	8.00	- - - - -
Dover 30% Hog Supplement (752)	30.75	30.00	3.36	3.00	6.38	7.00	- - - - -
READING MILLING COMPANY Reading, Pa.							
Reading Hog Feed (802)	21.00	14.00	4.74	4.00	6.80	11.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
REED MILLING COMPANY Brookville, Pa.								
Triangle Pig & Hog Meal	(420)	18.44	16.00	*2.97	3.50	8.64	10.00	- - - - -
C. C. REFLOGLE Woodbury, Pa.								
Replogie's Pig & Hog Meal	(916)	17.88	18.00	3.98	3.50	6.10	6.00	- - - - -
L. E. REDADS Selinsgrove, Pa.								
Peerless All-in-One Hog Feed	(935)	15.69	15.00	*2.89	3.75	3.49	6.50	- - - - -
RICHARDS MILLING COMPANY Cortland, Ohio								
Richard's Pig & Hog Meal	(350)	15.31	16.00	3.95	2.50	5.70	8.00	- - - - -
RICHLAND FEED COMPANY Richlandtown, Pa.								
Pig Meal	(389)	14.94	16.00	4.35	3.50	7.13	7.50	- - - - -
RICHMOND ELEVATOR COMPANY Richmond Furness, Pa.								
Peth Valley Pig & Hog Meal	(907)	21.81	17.00	4.00	4.00	3.35	10.00	- - - - -
H. ROCKWELL & SON Centon, Pa.								
Rockwell's Pig Ration	(841)	16.00	13.00	3.77	4.00	4.77	10.00	- - - - -
ROUX FEED MILLS Sharon, Pa.								
Hongrene Supplement for Hogs	(234)	*34.63	40.00	5.27	5.00	6.04	6.50	- - - - -
Roux Porkmaster Hog Meal	(235)	22.75	18.00	3.48	3.00	5.39	10.00	- - - - -
SACRAMENTO ROLLER MILLS Sacramento, Pa.								
Daisy Hog Feed	(137)	16.88	14.00	3.29	3.50	6.40	8.00	- - - - -
S. & R. FEED COMPANY Quekertown, Pa.								
S. & R. Hog Feed	(396)	15.44	14.00	3.97	3.50	6.36	7.00	- - - - -
SCHRIMPER BROTHERS Selle Valley, Pa.								
Schrimper's Hog Feed	(980)	16.50	15.00	3.69	4.00	4.31	10.00	- - - - -
OLARENCE R. SCHUCKER FREEPORT MILLS Lebanon, Pa.								
Freeport Supreme 15% Pig & Hog Feed	(675)	17.75	15.00	*3.47	4.00	5.48	7.00	- - - - -
SHANK'S MILL Waynesboro, Pa.								
Shank's Hog Feed	(883)	17.56	17.00	3.26	3.50	7.52	7.00	- - - - -
ROBERT E. SHOEMAKER Boyetown, Pa.								
Shoemaker's Hog Feed	(1143)	16.81	15.50	3.52	3.50	7.56	8.00	- - - - -
CLARENCE M. SHUEY Annville, Pa.								
Shuey's Purity Hog Feed	(795)	14.75	14.00	*3.43	4.00	5.84	8.00	- - - - -
R. A. SMITH MILLING COMPANY Northampton, Pa.								
Rason's 35% Hog Supplement	(697)	35.25	35.00	6.15	4.00	3.78	7.00	- - - - -
SNYDER MILLING COMPANY Nazareth, Pa.								
State College 4-3-2-1 Hog Feed	(367)	17.81	15.00	3.64	4.00	4.85	8.00	- - - - -
*Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
SNYDER BROTHERS Brodheads, Pe.							
Tip Top Hog Feed (702)	14.44	16.00	3.88	3.00	8.71	8.00	- - - - -
W. E. SPANGLER Wellsville, Pe.							
Spengler's Best Pig & Hog Feed (756)	14.69	15.00	*2.49	4.00	6.32	6.00	- - - - -
E. O. SPRENKLE & SON Hellen, Pe.							
Sprenkle's Pig Storting & Weaning Mash (641)	18.94	18.00	3.64	4.00	6.46	6.50	- - - - -
JESSE C. STEWART COMPANY Pittsburgh, Pa.							
Iron City Hog Feed (490)	22.00	17.50	3.61	4.00	5.95	7.00	- - - - -
D. A. STICKELL & SON, INC. Hagerstown, Md.							
24p Pig & Hog Meal (256)	18.75	14.00	3.14	2.50	4.01	6.50	- - - - -
Blue Ridge Pig & Hog Ration (141)	18.81	17.00	2.83	3.00	4.78	6.00	- - - - -
GEORGE H. STOVER Centre Hall, Pe.							
Quality Pig Meal (1125)	17.38	15.00	4.03	4.00	4.11	4.50	- - - - -
STRAUB'S RELIABLE FLOUR & FEED CO. Wellesport, Pa.							
Reliable Hog Feed (1168)	17.66	16.00	3.74	4.00	6.08	7.00	- - - - -
L. P. SWOOPER & COMPANY Duncansville, Pa.							
Exlnst Pig Grower (1001)	15.44	15.00	*3.16	4.00	6.53	7.50	- - - - -
THOMPSONTOWN FLOUR & FEED MILL Thompsontown, Pa.							
Pork Profit Hog Feed (1037)	22.06	17.81	*2.83	3.93	*5.24	4.31	- - - - -
W. B. THOMPSON & SON Weynesboro, Pa.							
Thompson Pig & Hog Meal (877)	15.00	15.00	*2.36	4.00	6.06	11.50	- - - - -
TOWN MILLS Shippensburg, Pe.							
Punk's Best Pig & Hog Meal (671)	*16.81	17.50	*2.59	4.30	*5.99	5.00	- - - - -
TYRONE MILLING COMPANY Tyrone, Pa.							
Ty-Co Pig & Hog Feed (1008)	17.44	16.60	*2.64	4.00	4.39	9.00	- - - - -
Ty-Co 35% Hog Feed (1008)	36.06	35.00	6.50	5.00	*6.16	4.50	- - - - -
THE UBIKO MILLING COMPANY Cincinnati, Ohio							
Ubiko Pig & Sow Ration (25)	17.38	16.00	4.26	3.50	*7.71	6.00	- - - - -
C. Y. WAGNER & COMPANY Bellefonte, Pa.							
Wagner's Pig Meal (1120)	20.56	18.00	4.22	4.00	5.80	6.00	- - - - -
C. A. WALKER & SONS Elizabethville, Pa.							
Walker's Pig Meal (657)	17.75	16.30	*4.15	5.00	5.39	6.00	- - - - -
WAYNE MILLING COMPANY Honesdale, Pe.							
Wayne Hog Feed (554)	19.56	17.00	3.85	4.00	5.20	5.00	- - - - -
WAYNESBURG MILLING COMPANY Waynesburg, Pa.							
Pig & Hog Feed (475)	19.00	16.00	*2.83	3.50	3.21	7.00	- - - - -
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
W. S. WINELAND McKas, Pa.							
Superior Pig & Hog Meal (998)	17.31	17.00	3.63	4.00	7.09	8.00	- - - - -
WOODBURY MILLING COMPANY Woodbury, Pa.							
"Fat Mor" Pig & Hog Ration (919)	16.94	14.50	3.03	3.00	6.29	7.00	- - - - -
WRIGHT MILLING COMPANY Claysburg, Pa.							
Wright's Pig & Hog Feed (996)	16.50	15.00	2.79	3.00	5.91	10.00	- - - - -
C. R. ZECHMAN'S FLOUR MILLS Pottsgrove, Pa.							
Zechman's Pork Producer (937)	19.75	15.00	*0.98	3.00	5.84	7.00	- - - - -
Average	19.12	----	3.58	----	5.84	----	
<u>Proprietary Sheep & Goat Feed</u>							
RALSTON PURINA COMPANY St. Louis, Missouri							
Purins Goat Chow (715)	17.63	16.00	4.26	3.50	7.43	10.00	- - - - -
<u>Proprietary Chop Feed</u>							
R. S. ALTMAN Irwin, Pa.							
Altman's Special Chop (61)	11.56	9.00	*1.86	3.00	3.94	10.00	- - - - -
T. P. BURKETT Olivaburg, Pa.							
Wheat, Oats Barley Chop (428)	13.56	10.00	*2.77	4.00	5.41	8.00	- - - - -
BURNHAM FEED COMPANY Tyrone, Pa.							
Burnham's Economy Mixed Chop (1004)	12.75	8.00	*2.51	3.50	6.44	10.00	- - - - -
C. A. CLABAUGH & SONS Evanett, Pa.							
Mixed Chop (885)	13.00	8.00	3.24	3.00	5.28	8.00	- - - - -
W. S. CROCK & SON Misholson, Pa.							
Corn & Oat Chop (546)	9.69	10.00	*3.05	3.50	*8.01	6.00	- - - - -
M. E. DIEFENDERFER Bechtelsville, Pa.							
Mixed Chop (1141)	15.69	10.94	3.24	3.56	6.24	5.87	- - - - -
G. A. DUFF Lock Haven, Pa.							
Mixed Chop (722)	12.13	9.70	*2.28	4.00	2.78	8.00	- - - - -
FARMERS COOPERATIVE ASS'N. Wysor, Pa.							
Corn & Oats Chop (710)	13.44	10.00	*5.25	3.95	*8.65	8.00	- - - - -
GOLDEN WEST GRAIN COMPANY Schuyler, Nebraska							
Grain Base Feed (115)	*7.44	9.00	2.81	3.00	2.14	3.15	- - - - -
EDW. HELLYER Alexandria, Pa.							
Hellyer's Mixed Chop (1016)	15.56	10.00	4.01	3.50	6.64	11.00	- - - - -
KEEBLER'S FEED & FARM SUPPLIES Montoursville, Pa.							
Pure Corn & Oats Chop (1056)	13.06	10.00	3.64	4.00	7.22	7.00	- - - - -
*Dariaient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
KLINE FLOUR MILLS COMPANY Brookville, Pa.							
Corn & Oats Chop (421)	13.63	10.00	2.93	3.00	5.61	8.00	- - - - -
M. M. LAUDENSLAYER & SON Maeungie, Pa.							
Little Lehigh Mixed Chop (709)	11.44	7.00	4.96	2.00	4.09	10.00	- - - - -
H. W. LONGWELL & SON Dixonville, Pa.							
Corn & Oats Chop (585)	11.25	10.00	*3.34	4.00	6.52	6.00	- - - - -
MARION CENTER MILLING COMPANY Merion Center, Pa.							
Corn & Oats Chop (583)	11.31	11.25	*2.14	3.60	4.43	7.07	- - - - -
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.							
Mixed Chop (1177)	10.44	10.00	3.80	3.50	4.42	5.00	- - - - -
JOSEPH OTTO North East, Pa.							
Chop Feed (966)	11.88	10.00	*2.56	4.00	5.51	8.00	- - - - -
C. C. REFLOCLE Woodbury, Pa.							
Replocle's Mixed Chop (917)	11.81	8.00	3.14	2.50	5.86	9.00	- - - - -
RUMBAUGH'S FEED STORE Saxonburg, Pa.							
Local Mix Chop (819)	11.13	10.00	3.06	2.00	3.68	6.00	- - - - -
RUSSEL-MILLER MILLING COMPANY Alton, Illinois							
Corn & Kafir Grain Bee Mixed Feed (117)	*8.19	10.00	3.32	3.50	1.80	5.00	- - - - -
SNYDER MILLING COMPANY Timblin, Pa.							
Pine Run Corn & Oats Chop (430)	14.13	10.00	*2.47	4.00	3.84	8.00	- - - - -
Average	12.05	----	3.07	----	5.17	----	
<u>Proprietary Scratch Feed</u>							
ALLIED MILLS, INC. Chicago, Ill.							
Red Feather Scratch Feed (440)	14.63	9.00	2.32	2.00	3.88	4.00	- - - - -
Red Feather Scratch Feed (3)	12.19	9.00	2.87	2.00	2.50	4.00	- - - - -
ANCHOR MILLS Bethlehem, Pa.							
Anchor Mixed Oseina (381)	13.44	9.00	2.51	2.50	2.77	5.00	- - - - -
ANDERSON GRAIN & FEED COMPANY, INC. York, Pa.							
Anderson Quality Scratch Graine (152)	11.56	9.00	2.48	2.50	3.07	5.00	- - - - -
F. M. BROWN'S SONS Birdsboro, Pa.							
Imperial Scratch Feed (613)	13.63	10.00	2.27	2.50	3.29	4.00	- - - - -
G. E. CONKEY COMPANY Cleveland, Ohio							
Conkey's Chick Grain (39)	11.56	10.00	2.75	2.00	1.89	2.50	- - - - -
Conkey's Pigeon Feed (40)	13.81	13.00	2.48	2.00	4.48	5.00	- - - - -
Golden Scratch Grains (36)	12.19	9.00	2.65	2.00	3.05	4.50	- - - - -
THE ALBERT DICKINSON COMPANY Chicago, Ill.							
Dickinson's Globe Flying Feed (26)	13.75	14.00	2.95	2.50	2.81	5.00	- - - - -
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
H. N. EPPINGER New Bedford, Pe.							
Eppinger Scratch Grain (767)	14.56	10.00	*2.52	3.00	2.62	5.00	- - - - -
THE GREAT A. & P. TEA COMPANY Philadelphia, Pa.							
Daily Egg Scratch Feed (164)	10.94	9.50	2.43	2.50	3.11	4.00	- - - - -
Daily Growth Fine Chick Feed (165)	10.81	10.00	3.11	3.00	2.15	3.50	- - - - -
HUBBARD MILLING COMPANY Mankato, Minn.							
Hubbard's Sunshine Scratch Grain (47)	12.81	9.00	2.73	3.00	2.19	4.00	- - - - -
KLINE FLOUR MILLS COMPANY Brookville, Pa.							
Scratch Grains (422)	13.94	9.00	2.17	2.00	2.63	5.00	- - - - -
M. M. LAUDENSLAYER & SON Mecungie, Pe.							
Little Lehigh River Scratch Feed (708)	11.94	9.00	2.74	2.50	3.00	4.00	- - - - -
NICKEL PLATE MILLS Erie, Pa.							
Nickel Plate Scratch Feed (971)	13.75	9.00	*2.50	3.00	2.80	9.00	- - - - -
P. J. OESTERLING & SON, INC. Butler, Pa.							
Sunside Scratch Grains (781)	14.06	10.00	2.77	2.00	3.29	7.00	- - - - -
PHILADELPHIA SEED COMPANY, INC. Philadelphia, Pe.							
Purgrain Conditioning Feed (67)	17.94	14.10	*2.67	3.00	4.81	5.00	- - - - -
Purgrain Flying Feed (65)	14.00	13.00	3.15	3.00	3.84	5.00	- - - - -
Purgrain Special Racing Feed (157)	24.00	18.00	1.48	1.50	4.06	4.50	- - - - -
Purgrain Breeding Feed (66)	13.69	13.50	2.95	2.50	2.87	5.00	- - - - -
Purgrain Breeding Feed (158)	14.94	13.50	2.65	2.50	4.06	5.00	- - - - -
Purgrain Pigeon Feed #1 (160)	12.19	11.20	1.97	2.00	3.85	4.00	- - - - -
Purgrain Pigeon Feed #2 (159)	12.06	12.30	2.17	2.00	4.14	4.00	- - - - -
Purgrain Pigeon Feed #3 (161)	13.19	13.30	2.10	2.00	3.27	4.00	- - - - -
Purgrain Pigeon Feed #4 (162)	12.25	12.50	2.25	2.00	3.45	4.00	- - - - -
Economy Special Pigeon Feed (70)	11.15	10.00	3.17	2.00	2.37	4.00	- - - - -
Economy Special Pigeon Feed (163)	11.50	10.00	1.97	2.00	3.17	4.00	- - - - -
THE QUAKER OATS COMPANY Chicago, Ill.							
Quaker Pul-O-Pep Scratch Grains (34)	12.25	9.00	2.82	2.00	2.29	3.00	- - - - -
Quaker Pul-O-Pep Scratch Grains (299)	13.25	9.00	2.46	2.00	2.34	3.00	- - - - -
REED MILLING COMPANY Brookville, Pa.							
Triangle Scratch Feed (417)	15.19	9.00	*2.46	3.00	3.39	10.00	- - - - -
RICHARDS MILLING COMPANY Cortland, Ohio							
Richards Scratch Grains (354)	15.94	9.00	3.69	2.50	5.56	5.00	- - - - -
RUMBAUGH'S FEED STORE Saxonburg, Pa.							
Loecl Mix Scratch (620)	14.00	9.00	2.57	2.00	3.25	4.00	- - - - -
SHANK'S MILL Waynesboro, Pe.							
Scratch Feed (884)	13.31	9.00	*2.29	3.50	2.48	7.00	- - - - -
JESSE C. STEWART COMPANY Pittsburgh, Pa.							
Shadyale Brand Scratch Feed (46)	12.13	9.00	2.62	2.50	2.63	5.00	- - - - -
W. B. THOMPSON & SON Waynesboro, Pa.							
Mixed Grains for Poultry (880)	14.44	----	2.03	----	2.52	----	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
UNION SUPPLY COMPANY Pittsburgh, Pa.								
USCO Soratch Greins	(485)	14.81	9.00	3.01	2.50	4.08	5.00	- - - - -
THE WADSWORTH FEED COMPANY Werren, Ohio								
Wedeworth's Mixed Grain	(53)	10.13	10.00	*1.87	2.50	1.60	5.00	- - - - -
WALTON BROTHERS Philadelphia, Pa.								
Peerlese Soratch Feed	(170)	12.19	9.00	2.52	2.50	3.01	5.00	- - - - -
Average		13.34	----	2.54	----	3.15	----	
Proprietary Mesh Feed								
ADAM'S GRAIN & FEED SERVICE Beth, Pa.								
Adam's Starter & Broiler	(188)	18.94	18.00	4.36	3.00	6.26	7.00	- - - - -
Adam's Laying Mesh	(189)	21.06	20.00	4.41	3.00	5.57	7.00	- - - - -
ALBRIGHT'S FEED SERVICE West Newton, Pa.								
Albright's Good Luck Laying Mesh	(302)	19.31	20.00	*2.25	5.00	6.93	7.00	- - - - -
ALLIED MILLS, INC. Chicago, Ill.								
Amco Super Breeder Mesh	(122)	20.51	20.00	4.78	3.50	6.52	8.00	- - - - -
Wayne Broiler Ration	(6)	20.69	19.00	5.15	3.00	7.36	8.00	- - - - -
Wayne Broiler Ration	(443)	21.19	19.00	4.27	3.00	7.11	8.00	- - - - -
Wayne Chick Starter	(5)	19.94	18.00	4.82	3.00	6.15	7.00	- - - - -
Wayne Egg Mesh	(4)	21.94	20.00	4.98	3.00	6.77	8.00	- - - - -
Wayne Egg Mesh	(439)	22.50	20.00	4.40	3.00	6.49	8.00	- - - - -
Wayne Flushing Mesh	(9)	22.00	20.00	3.02	3.00	2.96	6.00	- - - - -
Wayne Flushing Mesh	(250)	21.38	20.00	3.30	3.00	3.71	6.00	- - - - -
Wayne Flushing Mesh	(441)	18.38	16.00	3.43	3.00	6.86	7.00	- - - - -
Wayne Turkey Growing Mesh	(12)	20.31	20.00	3.36	3.00	5.77	8.00	- - - - -
Wayne Breeder Mesh with Fortified Sardine Oil	(11)	20.69	20.00	4.00	3.50	6.46	8.00	- - - - -
Wayne Breeder Mesh with Fortified Sardine Oil	(446)	22.19	20.00	4.12	3.50	7.13	8.00	- - - - -
R. S. ALTMAN Irwin, Pa.								
Altman's Turkey Starter	(933)	*20.25	25.00	*2.94	4.00	4.10	9.00	- - - - -
Altman's Yeast Starter & Broiler	(57)	19.38	17.00	3.90	3.00	3.86	8.00	- - - - -
Altman's All Mesh Starter & Broiler	(926)	18.53	15.00	3.05	3.00	5.21	8.00	- - - - -
Altman's Buttermilk Starter & Broiler	(58)	17.93	15.00	3.79	3.00	5.30	8.00	- - - - -
Altman's Buttermilk Growing Mesh	(18)	19.83	16.00	3.65	3.00	3.84	9.00	- - - - -
Altman's Buttermilk Growing Mesh	(60)	18.44	16.00	3.75	3.00	4.92	9.00	- - - - -
Altman's Buttermilk Growing Mesh	(925)	20.69	16.00	3.34	3.00	4.73	9.00	- - - - -
Altman's Yeast Growing Mesh	(52)	15.06	16.00	4.03	3.00	3.33	9.00	- - - - -
Altman's Yeast Growing Mesh	(586)	19.06	18.00	2.74	5.00	4.04	9.00	- - - - -
Altman's Yeast Growing Mesh	(931)	20.75	18.00	3.65	3.00	5.92	9.00	- - - - -
Altman's Laxa Beal Ration	(51)	16.75	18.00	4.67	4.00	3.08	8.00	- - - - -
Altman's Laxa Beal Ration	(927)	21.25	18.00	7.95	4.00	4.85	8.00	- - - - -
Altman's Quality Egg Mesh	(20)	20.19	18.00	3.92	5.00	6.05	9.00	- - - - -
Altman's Quality Egg Mesh	(56)	21.73	18.00	3.95	5.00	5.57	9.00	- - - - -
Altman's Quality Egg Mesh	(583)	21.08	18.00	3.03	5.00	3.76	9.00	- - - - -
Altman's Quality Egg Mesh	(923)	21.13	18.00	3.77	5.00	4.81	9.00	- - - - -
Altman's Super A Yeast Starter & Broiler	(928)	19.16	17.00	3.42	3.00	5.49	8.00	- - - - -
Altman's Super A Egg Mesh	(19)	22.44	22.00	3.26	3.00	4.97	8.00	- - - - -
Altman's Super A Egg Mesh	(54)	24.35	22.00	5.78	3.00	4.90	9.00	- - - - -
Altman's Super A Yeast Egg Mesh	(48)	22.36	22.00	5.71	3.83	2.69	8.00	- - - - -
Altman's Super A Yeast Egg Mesh	(924)	21.56	22.00	3.95	3.50	4.91	8.00	- - - - -
Altman's Super A Yeast Egg Mesh	(930)	23.88	22.00	3.16	3.50	5.51	9.00	- - - - -
ALTENWALD ELEVATOR COMPANY Wernersboro, Pa.								
Altenwald Egg Mesh	(876)	18.56	18.00	3.64	4.00	7.90	7.20	- - - - -
Altenwald Starter & Grower	(875)	20.50	18.00	3.69	4.00	*7.76	5.00	- - - - -
ANCHOR MILLS Bethlehem, Pa.								
Anchor Chick Starter	(380)	19.88	17.00	*3.46	4.50	6.04	6.00	- - - - -
*Deficient								

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Anehor Laying Mash (379)	19.05	20.00	*3.07	4.00	5.72	7.00	- - - - -
Anehor Growing Mash (377)	19.59	18.00	*3.01	4.00	5.71	7.00	- - - - -
CLAY ANDERSON & BROTHER Stewartstown, Pa.							
Anderson's & Starting & Growing Mash (745)	22.50	19.00	4.37	4.00	5.43	6.00	- - - - -
ANDERSON GRAIN & FEED COMPANY York, Pa.							
Anderson Crete Fattening Mash (151)	18.05	14.00	3.55	3.50	5.55	7.00	- - - - -
H. O. ANDREWS & SONS Mapleton Depot, Pa.							
Triple-A-Vitamized Growing Mash (1019)	17.59	18.00	3.18	3.50	6.05	5.50	- - - - -
Triple-A-Vitamized Laying Mash (1022)	20.50	19.00	4.52	3.50	6.15	6.50	- - - - -
J. C. ARMSTRONG Jamestown, Pa.							
Armstrong's Egg Mash (514)	20.88	20.00	*3.54	4.00	4.95	7.00	- - - - -
Armstrong's Growing Mash (513)	17.94	15.50	3.80	4.00	5.35	7.00	- - - - -
ARCADY FARMS MILLING COMPANY Chicago, Ill.							
Wonderfet Station Feed with Rolled Oats (153)	14.13	14.00	4.64	4.50	5.64	7.00	- - - - -
Wonderfet Crate Fattener (154)	13.50	14.00	4.32	4.00	5.48	8.00	- - - - -
CHARLES R. BAHR Windeor, Pa.							
Bahn's Quality Laying Mash (757)	20.13	18.00	4.94	3.50	6.05	8.50	- - - - -
Bahn's Super Layer ManAmash (734)	19.63	18.00	5.14	3.50	5.90	8.00	- - - - -
Bahn's ManAmash Starter & Grower Ration (735)	20.38	18.00	4.97	3.50	5.99	8.00	- - - - -
A. J. BALSHE Catswille, Pa.							
Must Gro Growing Mash (334)	20.31	19.00	4.77	3.50	6.52	8.00	- - - - -
Must Lay Egg Mash (332)	21.75	18.00	4.01	3.50	5.68	8.00	- - - - -
Must Lay Egg Mash Pellets (280)	22.05	18.00	4.47	3.50	5.12	8.00	- - - - -
Must Lay Egg Mash Breeder (335)	18.38	19.00	4.24	3.50	5.82	8.00	- - - - -
Must Live & Gro Starter & Grower (333)	20.25	19.00	4.54	3.50	5.24	8.00	- - - - -
D. G. BAMFORD MILLING COMPANY Midway, Pa.							
Bamford's Egg Mash with A-P Yeast Foam (465)	22.56	20.00	3.52	4.00	6.88	8.00	- - - - -
Bamford's Growing Mash with A-P Yeast Foam (465)	21.06	18.00	3.71	4.00	7.07	8.00	- - - - -
BANNER FLOUR MILLS Fairchence, Pa.							
Banner Growing Mash (457)	19.06	18.00	4.53	4.00	5.73	7.00	- - - - -
Banner Turkey Starter Mash (458)	25.63	25.00	4.65	5.00	4.32	5.00	- - - - -
BARE MILLING COMPANY Roaring Spring, Pa.							
Sterling Laying Mash (1010)	16.88	18.00	4.43	4.00	7.07	7.50	- - - - -
R. A. BATES & SON Knoxville, Pa.							
Oak Leaf Egg Mash (1047)	22.19	18.00	3.88	4.00	3.18	8.00	- - - - -
Oak Leaf Chick Grower (1048)	21.36	18.00	4.39	4.00	5.46	8.00	- - - - -
THE BEACON MILLING COMPANY, INC. Coyuga, N. Y.							
Beecon Egg Mash (95)	20.55	20.00	4.56	3.00	5.69	7.50	- - - - -
Beecon Egg Mash (681)	21.12	20.00	4.03	3.00	5.92	7.50	- - - - -
Beecon Growing Mash (95)	19.83	18.00	3.96	3.50	5.90	7.50	- - - - -
Beecon Growing Mash (682)	18.94	18.00	5.18	3.00	5.61	7.50	- - - - -
Beecon Emergency Broiler Feed (1057)	24.25	20.00	3.91	3.00	5.93	7.00	- - - - -
Beecon Complete Starting Ration (97)	21.13	20.00	4.31	3.00	5.23	6.50	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HECKS' FEED & GRAIN SERVICE Kutztown, Pa.								
Beeks' 20% Laying Mash	(1145)	19.53	20.00	4.09	4.50	6.38	6.00	-----
BEDFORD MILLING COMPANY Bedford, Pa.								
Bedford 20% Layer	(604)	21.69	22.00	*2.83	4.00	5.16	9.00	-----
C. D. HELL & SON Hop Bottom, Pa.								
C. D. Bell Hen Mash	(966)	22.94	18.00	*2.87	3.50	5.70	8.00	-----
BELLEVILLE FLOUR MILLS COMPANY Bellefonte, Pa.								
Vitamized 18% Laying Mash	(1026)	19.31	18.00	3.86	3.75	6.56	10.00	-----
BIG RUN MILLING COMPANY Big Run, Pa.								
Big Run Growing Mash	(424)	19.75	17.40	*3.43	4.40	6.82	5.00	-----
Big Run Laying Mash	(425)	19.31	18.00	*3.11	4.50	6.13	7.00	-----
Big Run All Mash Starter	(425)	18.44	18.00	3.66	4.00	*6.37	5.00	-----
BOHNER'S MILL Pillow, Pa.								
Bohner's Laying Mash	(661)	16.44	16.00	5.37	5.00	5.88	6.00	-----
D. C. BRANDT & SONS Annville, Pa.								
Blue Ribbon Chick Starter	(765)	19.88	18.90	*2.86	4.00	6.99	7.00	-----
GEORGE F. BRENNER Stewartstown, Pa.								
Brenner's Mono-Mash	(741)	22.55	20.00	4.45	3.50	5.46	7.50	-----
Brenner's V. D. Egg Mash	(742)	23.31	19.00	4.81	3.00	5.77	7.50	-----
Brenner's V. D. Chick Grower	(739)	20.38	17.00	4.67	4.50	5.45	7.00	-----
BRISTOL FLOUR, FEED & GRAIN COMPANY Bristol, Pa.								
Pearson's Growing Mash	(575)	19.75	16.00	*3.33	4.00	6.51	8.00	-----
BROWN & FASSETT Tunkhannock, Pa.								
B. & F. Favorite Dry Mash	(539)	20.81	18.00	4.57	5.00	6.28	9.00	-----
B. & F. Growing Mash	(537)	18.88	17.50	4.06	4.50	6.46	6.50	-----
B. T. BRUBAKER Bowmansdale, Pa.								
Brubaker's Growing Mash	(790)	21.06	16.00	*3.19	4.00	6.92	7.00	-----
Brubaker's Laying Mash	(789)	20.44	20.00	*2.81	5.00	7.35	7.00	-----
Brubaker's Starting Mash	(791)	19.56	18.00	*3.35	4.00	5.76	6.50	-----
BUCK & HUMBERGER West Point, Pa.								
B. & H. Hen Mash	(1183)	20.53	21.00	4.52	4.00	3.95	8.00	-----
BURNHAM FEED COMPANY Tyrone, Pa.								
Burnham's Economy Laying Mash	(1005)	18.44	19.00	*2.86	3.50	6.29	9.50	-----
BUSEKILL MILLING COMPANY Easton, Pa.								
Dry Egg Mash 12%	(363)	19.00	18.00	4.34	4.00	8.85	10.00	-----
J. A. CADWALLADER Yardley, Pa.								
Keystone Growing Mash	(568)	21.05	16.00	*2.88	3.50	5.09	7.00	-----
Keystone Lay Mash	(567)	18.06	18.00	*2.72	3.50	4.91	7.00	-----
D. M. CAMPSEY Cleysville, Pa.								
Campsey's Chick Starting & Growing Mash	(452)	22.31	17.00	4.77	4.00	5.86	5.00	-----

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CASH FEED STORE New Cestla, Pa.							
Supreme Egg Mash (823)	21.00	20.00	4.84	4.00	6.16	7.70	- - - - -
CATAWISSA MILLING COMPANY Catawissa, Pa.							
Blue Ribbon Breadst Mash (267)	21.63	20.00	5.32	4.50	6.61	8.00	- - - - -
Kernis's Chick Starter (270)	16.50	15.00	4.81	4.50	6.34	6.00	- - - - -
Kernis's Laying Mash (268)	19.75	18.00	4.98	4.00	6.62	8.00	- - - - -
Kernis's Growing Mash (269)	20.31	18.00	5.39	4.50	6.82	7.00	- - - - -
ELWOOD R. CHAMBERS Elkview, Pa.							
Big Elk Economy Laying Mash (611)	18.06	18.00	3.64	4.00	5.24	7.00	- - - - -
Big Elk Vitamized Laying Mash (610)	19.94	20.00	3.60	4.00	5.09	7.50	- - - - -
Big Elk Vitamized Starter & Grower (609)	17.44	17.00	*3.32	4.00	5.15	7.00	- - - - -
CHAMBERSBURG GRAIN & COAL COMPANY Chambersburg, Pa.							
W-D Starter & Grower (856)	18.31	16.00	4.56	4.00	4.09	10.00	- - - - -
W-D Egg Mash (854)	22.31	16.00	4.23	3.00	5.14	10.00	- - - - -
CITY FLOURING MILLS, INC. Munsey, Pa.							
Muncy Growing Mash (849)	17.38	17.00	3.78	4.00	5.49	7.00	- - - - -
Muncy Laying Mash (852)	19.38	19.00	3.60	4.00	5.69	7.00	- - - - -
Muncy Starting & Growing Mash (850)	21.00	17.00	3.69	4.00	6.24	7.00	- - - - -
CLINTONDALE MILLS Clintondale, Pa.							
"Trader" Laying Mash (720)	21.06	18.00	*2.85	4.50	5.69	7.00	- - - - -
Starter & Growing Mash (721)	21.75	18.00	*2.85	4.00	4.99	7.00	- - - - -
COLLEGEVILLE MILLS Collegeville, Pa.							
Improved Growing Mash (182)	*16.00	18.00	4.71	5.00	5.51	6.00	- - - - -
Improved Laying Mash (183)	*16.44	20.00	4.75	5.00	6.39	8.00	- - - - -
CONNRAUT LAKE ROLLER MILLS Connessut Lake, Pa.							
Hernad's Growing Mash (506)	18.88	16.00	3.69	4.00	5.53	8.00	- - - - -
Hernad's 20% Laying Mash (508)	19.69	20.00	3.66	4.00	6.52	8.00	- - - - -
Hernad's Starting Mash (507)	17.88	17.00	3.83	4.00	5.64	7.00	- - - - -
G. E. CONKEY COMPANY Cleveland, Ohio							
Conkey's Y-O Egg Mash (35)	23.94	20.00	5.49	3.50	5.70	8.00	- - - - -
Conkey's Y-O Growing Mash (38)	17.81	18.00	5.41	3.50	6.72	7.00	- - - - -
Conkey's Y-O Starting Feed (37)	20.19	18.00	4.45	4.00	5.69	7.00	- - - - -
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
G.L.F. Laying Mash (74)	19.06	20.00	3.58	2.50	5.62	7.00	- - - - -
G.L.F. Laying Mash (970)	20.75	20.00	3.14	2.50	5.49	7.00	- - - - -
CRESSON FLOUR & FEED MILL Cresson, Pa.							
Master Egg Mash (595)	19.09	16.00	3.76	4.00	6.12	9.00	- - - - -
CUMBERLAND VALLEY COOPERATIVE ASS'N. Shippensburg, Pa.							
Old Reliable Vitamin Fresh Egg Mash (868)	18.61	18.00	3.24	3.00	4.49	7.00	- - - - -
CUSTER'S FLOUR MILL Milton, Pa.							
Custer's Egg Mash (940)	21.58	18.00	4.28	4.00	6.09	8.00	- - - - -
Custer's Starter & Grower (942)	22.36	19.00	5.05	4.00	6.58	6.00	- - - - -
DANVILLE MILLING COMPANY Danville, Pa.							
Danville Laying Mash 17% (257)	18.75	17.00	4.16	4.00	7.27	7.00	- - - - -
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
DARLINGTON MILLING COMPANY								
Derlington, Pa.								
Oarmico Egg	(812)	17.19	19.00	4.27	4.50	4.98	6.50	- - - - -
Darmico Grower	(813)	18.63	16.00	4.51	5.00	4.96	8.50	- - - - -
DAVIS FEED MILL								
Rushland, Pa.								
Oavia Laying Mesh	(211)	21.13	20.00	5.65	4.00	6.39	7.00	- - - - -
Oavia Starter	(210)	*20.19	24.00	5.42	4.00	5.96	13.00	- - - - -
DAYTON MILLING COMPANY								
Towanda, Pa.								
Oayton's Ideal Laying Mesh	(834)	19.06	19.00	3.21	3.50	5.63	8.00	- - - - -
Dayton's Economy Mesh	(836)	19.25	19.00	*3.05	3.70	6.64	8.00	- - - - -
Oayton's Starter & Grower	(832)	20.25	19.00	*3.23	3.80	6.73	8.00	- - - - -
Oayton's Growing Mesh	(831)	17.25	17.00	*2.84	3.60	7.02	8.00	- - - - -
DEWALD MILL								
Bloomsburg, Pa.								
Blue Ribbon Laying Mesh	(263)	19.81	18.00	4.86	4.00	6.09	8.00	- - - - -
Blue Ribbon Starter & Grower	(264)	18.75	16.00	5.11	4.00	4.70	7.00	- - - - -
DIAMOND MILLING COMPANY								
New Brighton, Pa.								
Diamond Starter Mesh	(772)	21.88	18.00	3.49	3.50	5.77	8.50	- - - - -
Diamond Grower Mesh	(773)	21.75	17.00	*2.48	3.00	7.34	8.50	- - - - -
Diamond Layer Mesh	(774)	22.13	20.00	3.58	3.50	6.96	8.00	- - - - -
Diamond Mono Mesh	(775)	25.63	24.00	3.76	3.50	6.09	7.00	- - - - -
DILLSBURG CRAIN & MILLING COMPANY								
Dillsburg, Pa.								
Dillsburg Best Starting & Grower	(785)	17.38	17.50	*3.83	4.50	*5.63	5.00	- - - - -
Dillsburg Best Developer	(784)	17.50	18.50	4.10	4.50	6.57	8.00	- - - - -
Dillsburg Best Laying Mesh	(783)	19.50	18.00	*4.42	5.00	6.81	8.00	- - - - -
ORAKE FEED & LUMBER COMPANY								
Cambridge Springs, Pa.								
Drake's Quality Laying Mesh	(524)	23.00	18.00	*3.48	4.00	7.64	7.00	- - - - -
F. A. DRAKE'S SON								
Cambridge Springs, Pa.								
Orake's Laying Mesh	(527)	20.50	20.00	3.82	4.00	5.79	7.00	- - - - -
Orake's Starter & Grower Mesh	(526)	21.63	18.00	3.98	4.00	6.98	7.00	- - - - -
DUBLIN MILLING COMPANY								
Dublin, Pa.								
Dublin Starting & Growing Mesh	(216)	17.19	18.00	4.27	4.00	5.19	5.25	- - - - -
Dublin Laying Mesh	(214)	18.94	18.00	4.71	4.40	7.46	7.20	- - - - -
EAST PAYETTEVILLE ELEVATOR COMPANY								
East Payetteville, Pa.								
Superior Egg Mesh	(891)	18.38	18.00	4.57	3.00	5.31	6.00	- - - - -
ELMER EBY								
Lititz, Pa.								
Eby's Laying Mesh	(1134)	23.06	20.00	4.22	4.50	4.54	6.00	- - - - -
H. S. EMBODY & SON								
Perkiomenville, Pa.								
Embody's Laying Mesh	(171)	18.44	19.70	*5.26	6.50	5.56	9.30	- - - - -
H. N. EPPINGER								
New Bedford, Pa.								
Eppinger Starting & Growing Mesh	(766)	18.94	17.00	3.86	4.00	6.96	7.50	- - - - -
ERIE-CRAWFORD DAIRY COOPERATIVE ASS'N.								
Erie, Pa.								
Erie-Crawford Laying Mesh	(976)	20.38	18.00	*3.11	4.00	4.63	8.00	- - - - -
J. I. ESHELMAN & SONS								
Greencastle, Pa.								
E.L.M. Special Egg Mesh	(869)	19.44	19.00	3.40	3.50	6.36	9.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
FARMERS THRIFT MILL OF DURHAM, INC. Durham, Pa.							
Riagal's Egg Mash (358)	20.81	20.00	3.21	3.00	6.13	7.00	- - - - -
Riagal's Laying Mash (361)	18.89	18.00	4.14	3.50	5.19	7.50	- - - - -
Riagal's Starter & Grower (389)	19.31	18.00	3.74	3.50	5.72	6.50	- - - - -
STANLEY G. FICKES ESTATE Newport, Pa.							
Fickes Vitamin Laying Mash (630)	21.06	19.00	*2.74	4.50	6.90	6.50	- - - - -
Fickes Ultra Lified Starting Mash (633)	16.69	17.00	4.30	4.00	5.02	7.00	- - - - -
Fickes Ultra Lified Turkey Growing Mash (634)	21.50	20.00	4.88	3.75	5.99	8.25	- - - - -
Fickes Ultra Lified Turkey Starting Mash (631)	26.56	26.00	6.31	4.25	5.97	7.50	- - - - -
FLORY BROTHERS Lancaster, Pa.							
Flory's Laying Mash (1150)	20.06	19.00	*3.64	4.50	4.71	5.50	- - - - -
Flory's Starting & Growing Mash (1131)	17.44	19.00	*3.55	5.00	4.42	4.75	- - - - -
FLORY MILLING COMPANY, INC. Bangor, Pa.							
Flory Laying Mash (560)	18.75	20.00	3.41	3.00	5.08	7.50	- - - - -
Flory Starter Mash (561)	21.44	20.00	2.97	3.00	4.86	7.00	- - - - -
Flory Turkey Grower (562)	21.31	20.00	3.60	3.00	5.95	7.50	- - - - -
S. FOUGHT & SON Hughesville, Pa.							
Fought's Penn State Laying Mash (1059)	18.06	18.00	4.39	3.75	5.23	10.00	- - - - -
FORSHEY'S FEED & GRAIN MILL Martinsburg, Pa.							
Forshey's Laying Mash (920)	21.25	20.00	4.79	4.00	6.42	7.00	- - - - -
Forshey's Starter & Grower (922)	17.94	18.00	4.62	4.00	7.11	6.50	- - - - -
FREYERMOUTH MILLS Pradonia, Pa.							
Frayermouth's Quality Egg Mash (529)	19.25	20.00	*2.83	4.00	6.79	7.00	- - - - -
Frayermouth's Quality Growing Mash (532)	18.68	20.00	*3.32	4.00	6.82	7.00	- - - - -
Frayermouth's Quality Starting Mash (531)	20.31	20.00	3.69	4.00	6.08	7.00	- - - - -
D. D. FRITCH MILLING COMPANY Macungie, Pa.							
*XXXX Fancy Chick Starter Mash (705)	22.13	17.50	4.14	4.00	*6.19	5.00	- - - - -
*XXXX Fancy Growing Mash (707)	20.38	18.00	3.76	4.00	*7.42	6.00	- - - - -
Lehigh Laying Mash (706)	20.38	17.50	3.85	4.00	7.74	7.00	- - - - -
FRYBURG ROLLER MILLS Fryburg, Pa.							
Blue Ribbon Egg Mash (763)	19.00	18.00	*3.22	4.00	6.00	7.00	- - - - -
FURRY'S MILL Loyaburg, Pa.							
Furry's Economy Egg Mash (911)	19.13	18.00	4.28	4.00	7.43	7.00	- - - - -
Furry's Best Egg Mash (913)	22.50	18.00	4.27	4.50	6.46	7.00	- - - - -
G. & M. MILLING COMPANY West Wyoming, Pa.							
G. & M. 20% Egg Mash (1156)	20.86	20.00	5.01	4.00	3.83	7.50	- - - - -
G. & M. Growing Mash (1155)	20.06	18.00	4.52	4.00	4.90	7.00	- - - - -
G. & M. Chick Starter Mash (1154)	19.56	18.00	6.06	4.00	5.21	6.00	- - - - -
GENERAL MILLS, INC., LARROWE DIVISION Detroit, Mich.							
Larro Chick Builder (87)	18.63	19.00	4.47	3.00	5.44	7.00	- - - - -
Larro Egg Mash (88)	19.38	18.00	4.35	3.25	5.46	6.00	- - - - -
Larro Egg Mash (499)	18.44	18.00	3.78	3.25	5.27	6.00	- - - - -
M. B. GLICK Richfield, Pa.							
Glick's Golden Laying Mash (1041)	25.00	18.00	*3.54	6.00	6.70	8.00	- - - - -
*Deficient							

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE GLIDDEN COMPANY Indianapolis, Ind.							
Capitol 18% Egg Mash (100)	21.13	18.00	2.49	2.00	6.56	12.00	- - - - -
Capitol 18% Egg Mash (716)	19.56	18.00	3.06	2.00	10.81	12.00	- - - - -
Glidden Chick Starter (382)	19.19	18.00	2.70	2.00	6.31	8.00	- - - - -
Glidden Chick Starter (383)	19.81	18.00	4.03	2.00	7.70	8.00	- - - - -
W. G. GODSHALL Morwood, Pa.							
Godshall's Laying Mash with Milk (203)	18.94	18.00	5.23	4.50	8.39	8.00	- - - - -
Godshall's Special Mash (202)	17.19	18.00	4.61	4.50	5.99	8.00	- - - - -
GOLDEN'S MILL Springville, Pa.							
Chick Starting & Growing Mash (544)	21.50	20.00	3.30	3.50	5.96	7.00	- - - - -
GOOD'S CITY MILLS, INC. Williamsport, Pa.							
Good's Growing Mash (725)	20.38	18.00	3.68	4.00	6.53	7.00	- - - - -
Good's Goodmash (726)	20.06	18.00	3.76	4.00	6.79	8.00	- - - - -
GOODHART BROTHERS Walnut Bottom, Pa.							
Goodhart's Starter & Grower (673)	17.19	18.00	3.67	4.00	5.39	7.50	- - - - -
Goodhart's Turkey Grower (674)	19.38	18.00	3.53	3.00	4.32	7.00	- - - - -
GRUBB & BRENNEMAN Elizabethtown, Pa.							
Garden Spot Molasses Egg Mash (1149)	*18.25	21.00	3.80	3.00	6.26	8.00	- - - - -
Garden Spot Yeast Breeder Mash (1148)	21.25	22.00	4.39	3.00	6.83	8.00	- - - - -
THE GREAT A. & P. TEA COMPANY Philadelphia, Pa.							
Daily-Growth Chick Starter (166)	18.44	17.00	3.76	3.50	6.31	6.00	- - - - -
Daily-Growth Growing Mash (167)	17.19	17.50	3.34	3.00	7.03	7.50	- - - - -
Daily-Egg Laying Mash (168)	22.25	20.00	3.01	3.00	7.14	7.50	- - - - -
HALES & HUNTER COMPANY Chicago, Ill.							
Red Comb Egg Mash (205)	16.94	18.00	4.51	3.50	5.24	7.00	- - - - -
HANEY-FRAZIER MILLING COMPANY Danville, Pa.							
Just Right Chick Grower (261)	17.81	15.00	4.32	3.00	5.54	9.00	- - - - -
Haney-Frazier Laying Mash (266)	17.94	16.00	4.17	3.00	5.98	9.00	- - - - -
Haney-Frazier Starting Mash (268)	18.75	16.00	4.77	3.50	5.44	8.00	- - - - -
DR. HEINZ COMPANY Cincinnati, Ohio							
Heinz Nu-Way Laying Mash (28)	16.58	18.00	*2.71	3.50	4.91	6.00	- - - - -
EDW. HELLYER Alexandria, Pa.							
Hellyer's Laying Mash (1015)	21.50	18.00	*4.30	8.00	3.66	5.00	- - - - -
J. F. HOGSETT & SONS Uniontown, Pa.							
Hogsett's Growing Mash (461)	17.00	16.00	4.49	4.00	7.08	7.00	- - - - -
HONESDALE FLOUR & FEED COMPANY Honesdale, Pa.							
Tru-Mix Starting & Growing Mash (551)	21.38	18.00	*2.99	4.50	5.91	5.50	- - - - -
HOWELL & SONS & JOHNSON Morrisville, Pa.							
"Our Own" Chick Starter (570)	18.13	17.50	3.79	3.50	*7.66	6.00	- - - - -
"Our Own" Starter & Grower (571)	17.19	17.00	*3.81	4.50	*7.41	6.50	- - - - -
Ho So Jo Laying Mash (572)	19.00	18.00	*3.28	4.00	*7.95	7.50	- - - - -
HUBBARD MILLING COMPANY Mankato, Minn.							
Hubbard's Sunshine Egg Mash (43)	21.38	20.00	3.96	4.00	6.89	7.50	- - - - -
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Buhhard's Sunshine Growing Mash (42)	17.94	18.00	4.44	4.00	*7.78	7.00	- - - - -
Buhhard's Sunshine Growing Mash (502)	19.44	18.00	5.04	4.00	8.99	7.00	- - - - -
Buhhard's Sunshine Turkey Grower (44)	21.94	20.00	*3.71	4.50	*7.80	7.00	- - - - -
Buhhard's Chick Starter Mash (41)	19.75	18.00	4.59	4.00	5.38	6.00	- - - - -
Buhhard's Sunshine Chick Starting Mash (503)	19.38	18.00	4.19	4.00	4.78	6.00	- - - - -
WILLIAM M. HUDSON COMPANY Greensburg, Pa.							
Hudson's Best Egg Mash (592)	21.88	20.00	*3.79	4.50	6.36	7.50	- - - - -
Hudson's Best Growing Mash (591)	20.06	17.00	*3.56	4.50	5.97	7.50	- - - - -
HUNTSINGER'S MILL Regina, Pa.							
Quality Laying Mash (126)	18.86	19.00	3.85	4.00	6.28	7.50	- - - - -
Quality Laying Mash (132)	19.19	19.00	3.62	4.00	6.26	7.50	- - - - -
Quality Egg Mash (124)	19.75	19.00	3.67	4.00	5.91	7.00	- - - - -
19% Quality Egg Mash (128)	18.81	19.00	3.63	4.00	6.31	6.50	- - - - -
Quality Growing Mash (125)	17.94	17.00	3.66	4.00	5.71	7.00	- - - - -
Quality Laying Mash Pellet Form (131)	18.13	19.00	4.09	4.00	5.75	7.50	- - - - -
Quality Starting Mash (127)	18.06	17.00	3.61	4.00	5.86	7.00	- - - - -
F. W. HUTCHISON & COMPANY New Castle, Pa.							
Hutchison's Egg Mash (826)	22.06	19.00	3.82	3.00	6.50	8.00	- - - - -
J. W. JOHNSON & SON Alhion, Pa.							
Penn State Egg Mash (515)	18.06	18.00	*3.49	4.00	5.57	6.00	- - - - -
Penn State Starting & Growing Mash (516)	20.13	20.00	*3.74	4.50	*6.33	5.00	- - - - -
JUNIATA ROLLER MILLS Thompsontown, Pa.							
Burne's Vitamized Growing Mash (1038)	17.88	17.00	*3.26	4.00	5.96	6.50	- - - - -
Burne's Vitamized Laying Mash (1039)	22.63	20.00	5.00	4.00	5.78	7.00	- - - - -
Burne's Special Laying Mash (1040)	22.81	20.00	4.93	4.00	5.91	7.00	- - - - -
KASCO MILLS, INC. Toledo, Ohio							
Kasco All Mash Grower (106)	15.00	15.00	3.23	3.00	5.40	7.00	- - - - -
Kasco Egg Producer (78)	21.13	20.00	3.42	3.00	4.98	7.50	- - - - -
Kasco Egg Producer (107)	23.13	20.00	3.42	3.00	4.95	7.50	- - - - -
Kasco Poultry Flushing Mash (105)	16.31	17.00	3.20	3.00	4.77	6.00	- - - - -
KEEHLERS FEED & FARM SUPPLIES Montoursville, Pa.							
Kaehler's Laying Mash (1054)	19.94	18.00	3.61	4.00	5.96	6.90	- - - - -
Kaehler's Growing Mash (1053)	19.31	18.00	3.71	4.00	5.93	5.50	- - - - -
W. RUSSELL KENDALL Wehster Mills, Pa.							
Kendall's Egg Mash (909)	19.56	18.00	3.01	3.00	5.00	8.00	- - - - -
Kendall's Starter & Grower (910)	20.25	18.00	3.19	3.00	6.38	7.00	- - - - -
KERLINS GRAND VIEW POULTRY FARM Centre Hall, Pa.							
Kerlin-Quality All Mash Starter & Grower (1124)	18.25	16.00	4.62	4.00	5.39	6.50	- - - - -
Kerlin-Quality 18% Laying Mash (1123)	19.56	18.00	5.26	4.00	5.63	8.00	- - - - -
KEYSTONE FLOUR & FEED COMPANY Punxsutawney, Pa.							
Imperial Egg Mash (411)	20.94	17.00	4.71	4.00	7.44	8.00	- - - - -
Imperial Chick Starter Mash (414)	17.56	16.00	3.84	4.00	4.24	7.00	- - - - -
Imperial Growing Mash (413)	20.63	17.00	3.63	3.50	7.59	8.00	- - - - -
KEYSTONE MILLS Hughesville, Pa.							
Keystone Egg & Breeder Mash (1062)	19.75	18.00	*2.91	4.00	6.55	8.00	- - - - -
Keystone Growing Mash (1061)	16.68	16.00	*2.67	4.00	5.86	8.00	- - - - -
KINTER & GROVE Dilleburg, Pa.							
Penn Egg Mash (782)	17.44	18.00	2.75	3.00	6.17	6.50	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
KINTNER MILLING COMPANY Mehoopeny, Pa.							
KMCO Growing Mesh (542)	20.44	17.50	3.89	4.00	5.24	7.50	- - - - -
H. B. KRATZ & SON Schwenksville, Pa.							
Ideel Growing Mesh (176)	18.50	18.50	4.62	5.00	4.45	6.50	- - - - -
Ideel Laying Mesh (177)	18.13	19.00	4.42	4.00	7.12	6.50	- - - - -
KREUTZ CREEK VALLEY FARMERS' COOPERATIVE ASS'N. Stony Brook, Pa.							
Farmer's Favorite Chick Grower (643)	18.81	19.00	*3.97	5.00	5.90	7.50	- - - - -
Farmer's Favorite Egg Mesh (644)	18.75	19.00	*3.16	5.00	5.79	6.00	- - - - -
KULP & STAUDT Red Hill, Pa.							
E. & S. Laying Mesh (192)	18.50	20.00	4.14	4.50	4.82	5.50	- - - - -
M. N. KUNKEL Kempton, Pa.							
Kunkel's Chick Starter (606)	18.13	19.70	4.76	4.50	7.29	7.50	- - - - -
Kunkel's Growing Mesh (656)	18.06	19.50	4.54	4.50	5.17	5.70	- - - - -
Kunkel's Laying Mesh (607)	18.36	20.00	*4.37	5.50	5.00	6.00	- - - - -
KURTZ LUMBER COMPANY Punxsutawney, Pa.							
Starter & Grower (415)	19.38	17.00	4.03	3.50	7.07	8.00	- - - - -
LANTZ MILLING COMPANY Barnestown, Pa.							
Blue Bend Laying Mesh (604)	19.35	16.00	*2.73	4.00	5.60	7.50	- - - - -
LEHMASTER ELEVATOR COMPANY Lemasters, Pa.							
Pernell Egg Mesh (897)	17.94	19.50	*3.67	4.25	4.59	7.60	- - - - -
Parnell Starter & Grower (898)	19.06	18.50	4.00	4.25	5.52	6.50	- - - - -
A. F. LEIDY Delphi, Pa.							
Leidy's Grower Mesh (173)	18.69	18.00	3.62	4.00	5.35	7.50	- - - - -
Leidy's Master Egg Mesh (172)	17.56	18.00	3.68	4.00	4.66	7.00	- - - - -
Leidy's Chick Starter (174)	18.19	18.00	3.71	4.00	5.83	7.50	- - - - -
LEPLEY & SHIEVER Prospect, Pa.							
Lepley & Shiever's Special Egg Mesh (641)	18.94	18.00	4.54	5.00	7.21	8.00	- - - - -
JAMES F. LESHER Palm, Pa.							
Leshner Laying Mesh (195)	21.44	19.00	4.77	4.00	8.04	10.00	- - - - -
L. R. LEVENGOOD ESTATE, INC. Pottstown, Pa.							
Levorgood's Laying Mesh (208)	16.69	18.00	4.25	3.50	6.12	7.00	- - - - -
LEWIS-STEEL FEED COMPANY Indiana, Pa.							
Chicken Luck Egg Mesh (582)	*17.68	20.00	*3.25	4.00	6.96	9.00	- - - - -
LINE VALLEY MILLS Willow Street, Pa.							
Sheaffer's Broiler Feed (620)	22.19	20.00	*2.52	4.00	4.72	7.00	- - - - -
Sheaffer's Chick Starter (621)	19.63	20.00	3.77	4.00	4.62	4.50	- - - - -
Sheaffer's Laying Mesh (619)	19.44	19.70	3.69	4.00	4.73	7.00	- - - - -
H. A. LONG & SONS Liverpool, Pa.							
Long's Laying Mesh (309)	18.13	20.00	*3.96	4.50	6.80	6.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Long's Red Top Starting Mash (307)	17.13	19.00	*3.95	5.50	5.41	5.50	- - - - -
Long's Special Starting Mash (308)	16.75	17.00	*3.86	5.00	4.21	5.00	- - - - -
LYCOMING MILLS Williamsport, Pa..							
Hog Meal (733)	18.06	15.00	*2.94	3.50	8.04	10.00	- - - - -
McComb's Starter Mash (728)	18.38	18.00	3.46	3.50	6.80	8.00	- - - - -
Lycoming Laying Mash (730)	21.75	19.00	4.37	4.50	5.90	8.00	- - - - -
Lycoming Milla Growing Mash (731)	22.06	18.00	4.50	4.00	5.91	8.00	- - - - -
LYKENS VALLEY ROLLER MILLS Millersburg, Pa.							
Shiffer's Quality Growing Mash (650)	17.44	16.00	*2.56	3.00	3.67	8.00	- - - - -
Shiffer's Quality Laying Mash (649)	19.63	18.00	*2.57	3.00	4.54	8.00	- - - - -
MAHONING VALLEY MILLING COMPANY Punkatsuney, Pa.							
Mahoning Egg Maker Laying Mash (409)	19.31	19.00	4.31	3.50	5.89	8.00	- - - - -
W. H. MANBECK & COMPANY Mifflin, Pa.							
Juniata Growing Mash (1030)	22.81	18.50	3.83	4.00	6.60	6.50	- - - - -
Juniata Laying Mash (1032)	21.25	18.50	4.25	4.00	6.31	6.50	- - - - -
MANCHESTER GRANGE COOPERATIVE ASS'N. Emigsville, Pa.							
M-G Broiler Mash (749)	19.00	19.00	4.18	4.50	6.58	6.50	- - - - -
MANN & ALTHOUSE Easton, Pa.							
M. & A. Growing Mash (557)	19.06	18.50	*3.71	5.63	*6.12	5.00	- - - - -
M. & A. Chick Starter (558)	16.00	16.00	4.65	4.00	3.42	4.00	- - - - -
M. & A. Sura Lay Poultry Mash (559)	*15.63	22.19	4.00	4.40	5.48	6.37	- - - - -
MARION SUPPLY COMPANY Marion, Pa.							
Marion Poultry Mash (864)	20.63	18.00	3.86	3.50	4.88	7.50	- - - - -
Marion Chick Starter & Grower (863)	18.63	18.00	4.23	4.00	4.18	6.00	- - - - -
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.							
B. B. Complete Chick Starter Retion (797)	22.06	20.00	*1.21	3.50	7.32	7.00	- - - - -
B. B. Egg Mash (1067)	22.63	20.00	*1.59	3.50	7.49	9.00	- - - - -
MARTINSBURG MILLING COMPANY Martinsburg, Pa.							
Champion Starter & Grower (1012)	19.31	18.00	4.31	4.00	6.01	7.00	- - - - -
Champion Laying Mash (1011)	20.06	17.00	4.23	4.00	6.33	7.00	- - - - -
MATHEWS FLOUR & FEED MILLS Jones Mills, Pa.							
Supreme Laying Mash (601)	18.81	20.00	*3.39	5.00	4.43	7.00	- - - - -
MAUSER'S MILL COMPANY Palmerton, Pa.							
Mauser's Turkey Grower (1161)	22.25	20.00	4.69	4.00	*7.53	6.00	- - - - -
Mauser's Chick Starter (1160)	21.38	17.00	4.31	4.00	6.02	6.00	- - - - -
Mauser's Egg Mash (1159)	23.31	20.00	4.50	4.00	6.08	3.00	- - - - -
Mauser's Growing Mash (1158)	22.25	15.00	4.52	4.00	6.48	6.50	- - - - -
MCCAFFEY FEED & SUPPLY COMPANY Clerion, Pa.							
Supermix Growing Mash (760)	18.06	18.00	3.43	3.00	6.19	7.50	- - - - -
Supermix 20% Egg Mash (761)	22.06	20.00	3.29	3.00	6.62	8.00	- - - - -
Supermix Chick Starter Mash (762)	19.00	18.00	3.84	3.00	6.09	7.00	- - - - -
MCCAUGHEY FEED & COAL COMPANY Edge Hill, Pa.							
Primex Laying Mash (690)	21.94	20.00	3.41	3.00	5.85	6.00	- - - - -
Primex Growing Mash (691)	20.44	18.00	3.33	3.00	5.33	6.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME.	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MCILLIEN FEED MILLS Fort Wayne, Indiana							
Mester Mix 34% Mash Concentrate (362)	35.19	34.00	4.69	2.00	7.66	7.50	- - - - -
Mester Mix 34% Mash Concentrate (778)	*21.31	34.00	3.78	2.00	5.69	7.00	- - - - -
Mester Mix Chick Mash (102)	20.19	17.00	3.29	2.50	4.97	7.00	- - - - -
Mester Mix Egg Mash (101)	21.06	19.00	2.76	2.50	5.22	7.00	- - - - -
MEAD & BANNISTER North East, Pa.							
M. & B. Mash (989)	22.06	18.00	4.24	4.00	5.35	5.00	- - - - -
A. & O. Laying Mash (988)	17.69	19.00	*2.59	4.00	6.57	8.00	- - - - -
MECHANICSBURG MILLING COMPANY Mechanicsburg, Pa.							
Brandt's O. K. Laying Mash (283)	17.88	18.00	*2.94	4.00	6.31	7.00	- - - - -
Brandt's O. K. Growing Mash (282)	16.50	16.00	3.83	4.00	6.31	7.00	- - - - -
Brandt's O. K. Starting Mash (281)	17.56	18.00	3.65	4.00	5.15	7.50	- - - - -
DR. GEORGE MELODY Greensburg, Pa.							
Melo-Meal (590)	18.81	18.00	3.83	2.00	2.48	6.50	- - - - -
S. E. MINGLE'S SONS Cresson, Pa.							
Semson's Chick Starter (340)	20.88	17.00	4.61	4.00	6.42	7.00	- - - - -
Semson's Growing Mash (339)	18.94	17.00	4.39	4.00	6.18	7.00	- - - - -
Semson's Turkey Starter (338)	23.75	25.00	5.69	4.00	6.86	7.00	- - - - -
MIDLAND MILLING & SUPPLY COMPANY Midland, Pa.							
Burton Pen-A-Min Laying Mash (771)	20.69	17.00	3.32	3.50	5.50	7.00	- - - - -
THE MIFFLINBURG FARMER'S EXCHANGE Mifflinburg, Pa.							
Farmer's Starting & Growing Mash (946)	21.00	18.50	*3.21	4.00	6.25	6.50	- - - - -
Farmer's Egg Mash (943)	20.44	18.00	*2.56	4.00	6.16	8.00	- - - - -
G. H. MILLER Sidman, Pa.							
Supreme Egg Mash (596)	19.19	18.00	*3.50	4.00	*9.33	6.00	- - - - -
MILLPORT ROLLER MILLS Lititz, Pa.							
Zook's Grow Fast Growing Mash (626)	20.19	16.00	4.31	4.00	6.00	7.00	- - - - -
Zook's Lay-More Laying Mash (627)	19.00	17.00	4.53	4.00	5.92	9.00	- - - - -
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.							
Superior Duck Growing Mash (1176)	16.50	16.00	4.52	3.50	7.25	6.50	- - - - -
A-1 Growing Mash (1172)	20.25	17.00	6.26	4.50	6.44	6.50	- - - - -
A-1 Chick Starter (1173)	17.63	16.00	5.40	4.00	5.02	7.00	- - - - -
A-1 Laying Mash (1171)	22.25	20.00	6.21	4.50	6.26	7.00	- - - - -
MOR-LOU FARMS Pellsington, Pa.							
Mor-Lou Farms 20% Egg Mash (372)	21.00	20.00	4.79	4.00	6.79	7.50	- - - - -
Mor-Lou Farms Chick Starter Mash (373)	19.38	18.00	4.69	4.00	5.43	6.00	- - - - -
Mor-Lou Farms Growing Mash (374)	18.38	18.00	4.53	4.00	7.14	7.00	- - - - -
Mor-Lou Farms Turkey Starting Mash (375)	26.31	26.00	4.86	5.00	4.86	6.00	- - - - -
MOSCOW MILLING COMPANY Moscow, Pa.							
Moscow Milling Co's. Laying Mash (953)	21.38	17.00	*2.34	3.50	5.78	10.00	- - - - -
B. W. NEIGER & SON East Springfield, Pa.							
Neiger's Best Laying Mash (519)	22.44	18.00	3.16	3.50	4.36	7.00	- - - - -
Neiger's Starting & Growing Mash (521)	19.88	16.50	*3.10	4.00	5.09	7.00	- - - - -
NICKEL PLATE MILLS Erie, Pa.							
Nickel Plate Poultry Mash (974)	19.50	18.00	4.56	4.00	6.00	10.00	- - - - -
Nickel Plate Starting & Growing Mash (973)	23.19	19.00	4.76	4.00	6.35	8.00	- - - - -
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
NYCE'S SUPPLY YARDS New Britain, Pa.							
Gilt Edge Starting & Growing Mash (580)	18.44	17.00	4.11	4.50	5.91	6.00	- - - - -
Gilt Edge Laying Mash (579)	21.00	20.00	4.13	4.50	5.56	6.00	- - - - -
A. L. OBERHOLTZER Rehns, Pa.							
Oberholtzer's 20% Laying Mash (181)	*15.63	20.00	3.92	4.00	5.30	8.00	- - - - -
Oberholtzer's Growing Mash (180)	15.50	16.00	3.69	4.00	5.70	8.00	- - - - -
P. J. OESTERLING & SON, INC. Butler, Pa.							
Sunside Egg Mash #1 with Buttermilk (780)	22.13	20.00	3.05	3.00	6.59	7.50	- - - - -
Sunside Growing Mash (807)	18.56	16.00	4.10	3.00	7.78	7.50	- - - - -
6 V Chick Starter (808)	20.19	17.00	4.71	4.00	*8.31	7.00	- - - - -
OMWAKE & OLIVER Greencastle, Pa.							
Antrim Starter & Grower (892)	15.63	17.00	*3.25	5.00	5.57	8.00	- - - - -
Antrim Buttermilk Egg Mash (893)	17.81	18.00	*3.38	4.00	7.12	8.00	- - - - -
JOSEPH OTTO North East, Pa.							
Just Right 18% Egg Mash (984)	19.19	18.00	*3.48	5.00	6.57	8.00	- - - - -
PAOLI COAL & SUPPLY COMPANY West Chester, Pa.							
Pioneer Egg Mash (623)	17.56	18.00	5.03	4.00	6.92	8.00	- - - - -
Lay-More Egg Mash (625)	20.31	20.00	4.35	4.50	6.82	6.50	- - - - -
Gro-Rite Growing Mash (624)	18.06	18.00	4.21	4.50	6.57	6.00	- - - - -
Start-Rite Chick Starter (622)	18.25	19.00	4.79	4.50	6.59	6.00	- - - - -
PARK & POLLARD COMPANY Buffalo, N. Y.							
Perk & Pollard Growing Feed (469)	19.38	16.00	3.17	3.00	5.81	7.00	- - - - -
PENNSYLVANIA FARM BUREAU CO-OP. ASS'N. Harrisburg, Pa.							
Growing Mash (369)	19.44	17.50	3.14	3.00	5.21	7.50	- - - - -
Super Laying Mash (368)	20.25	20.00	3.42	3.00	5.90	7.00	- - - - -
Starting & Growing Mash (370)	20.38	18.00	3.64	3.00	5.79	7.00	- - - - -
PETERSBURG MILLING COMPANY Beesemer, Pa.							
Pemico Starting & Growing Mash (816)	18.50	18.00	*3.32	4.00	6.42	8.00	- - - - -
Pemico Laying Mash (815)	20.44	20.00	*3.07	4.00	6.66	8.00	- - - - -
PERDUE & ORTON North East, Pa.							
Laying Mash (992)	19.25	19.00	3.82	4.00	5.11	7.00	- - - - -
Starting & Growing Mash (991)	19.25	18.00	*3.31	4.00	5.47	6.00	- - - - -
PHELPS & SIELEY COMPANY Cuba, N. Y.							
Laying Mash (1063)	22.63	18.00	3.88	3.50	5.19	7.50	- - - - -
PHILLIPS' FEED & GRAIN SERVICE Germanville, Pa.							
Happy Hen 20% Laying Mash (198)	21.69	20.00	4.23	3.50	6.35	7.00	- - - - -
Happy Hen Starter & Broiler (197)	19.31	18.00	4.23	3.00	6.35	7.00	- - - - -
Happy Hen Growing Mash (196)	17.94	16.00	4.48	3.00	7.08	6.50	- - - - -
PINE RUN FARM SUPPLY Doylestown, Pa.							
Pine Run Starting & Growing Mash (1178)	19.94	17.50	*3.89	4.50	6.54	6.50	- - - - -
Pine Run Egg Mash (401)	20.00	19.00	4.11	4.50	6.58	7.00	- - - - -
Pine Run Starting & Growing Mash (400)	17.75	17.50	*3.54	4.50	5.50	6.50	- - - - -
POTTSTOWN ROLLER MILLS Pottstown, Pa.							
Just-Right Egg Mash (204)	18.88	20.00	4.36	4.00	6.66	8.00	- - - - -
*Deficient							

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
PRATT FOOD COMPANY Hammond, Indiana								
Prett's Chick Starter	(219)	19.31	18.00	3.91	3.00	5.78	7.00	- - - - -
Prett's Growing Mash	(218)	17.31	17.00	3.70	3.50	5.46	7.50	- - - - -
Prett's Laying Mash	(217)	19.25	20.00	4.04	3.50	5.16	7.25	- - - - -
Prett's Poultry Regulator	(346)	4.38	4.00	4.68	2.00	13.50	20.00	- - - - -
Utility Laying Mash	(221)	17.75	17.00	3.71	3.00	6.23	7.00	- - - - -
Prett's Gen-Vi-Lax	(315)	18.13	16.00	4.43	3.50	5.84	6.00	- - - - -
Prett's Starter & Grower	(220)	18.13	18.00	4.44	3.00	5.40	7.00	- - - - -
PRESTON & JAQUISH. Troy, Pa.								
Swaspatkas Egg Producer	(837)	16.38	17.00	*4.02	5.00	7.18	9.50	- - - - -
PRESTON'S, INC. Canton, Pa.								
Preston's Starting & Growing Mash (847)		16.88	17.00	4.77	4.50	4.97	8.00	- - - - -
FRITTS FEED MILLS, INC. Mt. Pleasant, Pa.								
Lay-O Starter & Grower Mash	(596)	20.88	16.00	4.17	3.50	5.90	8.00	- - - - -
H. E. QUICKEL Dover, Pa.								
Dover Starter & Grower	(753)	20.25	18.00	6.36	6.50	*6.06	3.50	- - - - -
THE QUAKER OATS COMPANY Chicago, Ill.								
Ful-O-Pop Crete Fattener	(28)	13.94	13.00	4.47	3.00	7.04	8.00	- - - - -
RALEIGH PURINA COMPANY St. Louis, Mo.								
Chowmix Laying Mash B	(433)	19.67	17.50	4.09	3.50	5.73	8.00	- - - - -
Chowmix Laying Mash	(038)	20.25	18.00	3.37	3.50	5.19	8.00	- - - - -
Purina Hen Chow	(148)	13.13	10.00	2.12	2.00	4.96	7.00	- - - - -
Purina (Chicken Fatena)	(147)	15.19	14.00	3.77	3.00	7.10	8.00	- - - - -
Purina Layena	(79)	17.44	15.50	3.34	3.00	4.63	8.00	- - - - -
Purina Layena (Complete Ration)	(149)	17.00	15.00	3.14	3.00	6.33	8.00	- - - - -
Purina Chick Growena	(479)	20.69	17.00	3.55	3.00	4.25	7.00	- - - - -
Purina Chick Growena	(150)	18.19	17.00	3.59	3.50	5.57	7.00	- - - - -
RED BANK MILLS New Bethlehem, Pa.								
Satisfaction Growing Mash	(759)	18.69	18.50	*2.73	4.00	5.01	7.00	- - - - -
REED MILLING COMPANY Brookville, Pa.								
Triangle Laying Mash	(418)	20.38	16.00	3.34	3.50	*10.43	8.00	- - - - -
REX GRAIN & MILLING COMPANY, INC. Buffalo, N. Y.								
Crown Laying Mash	(222)	21.06	20.00	4.02	3.00	7.15	7.00	- - - - -
L. E. REEDS Selinsgrove, Pa.								
Pearless Egg Mash	(936)	23.56	19.00	4.53	4.00	4.59	7.00	- - - - -
RICHARDS & MENCER Jersey Shore, Pa.								
R. & M. Laying Mash	(711)	19.50	18.00	3.66	3.50	6.55	9.00	- - - - -
RICHARDS MILLING COMPANY Cortland, Ohio								
Richard's Thrift Baby Chick Feed	(355)	15.44	9.00	3.74	2.50	*6.46	5.00	- - - - -
Richard's Growing Mash	(351)	16.94	16.00	3.41	3.00	4.74	8.00	- - - - -
Richard's Starting Mash	(352)	*11.81	18.00	*2.64	3.00	2.01	7.50	- - - - -
Richard's Cash Laying Mash	(353)	*14.19	18.00	2.70	3.00	3.96	8.00	- - - - -
RICHLAND FEED COMPANY Richlandtown, Pa.								
All Mash Starter & Grower	(387)	16.50	15.00	3.82	3.00	5.61	6.00	- - - - -
Laying Mash	(388)	17.25	16.00	4.38	3.00	5.37	6.00	- - - - -
*Deficient								

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
RICHMOND ELEVATOR COMPANY Richmond Furness, Pa.								
Peth Valley Starter & Grower	(908)	18.00	15.00	3.85	4.00	5.34	10.00	- - - - -
Peth Valley Egg Mash	(905)	20.06	17.00	3.97	4.00	4.60	10.00	- - - - -
H. F. RIESER West Leesport, Pa.								
Rieser's Dividend Laying Mash	(1139)	20.75	18.00	4.12	4.00	6.74	9.00	- - - - -
J. S. RILEY & COMPANY New Castle, Pa.								
Pioneer Laying Mash (Super)	(828)	23.58	18.00	5.19	3.00	5.06	8.00	- - - - -
ROBERTS FRED MILL Peckville, Pa.								
Rob Ross Laying Mash	(951)	21.00	18.00	3.21	3.30	8.97	6.30	- - - - -
Rob Ross Starter & Grower	(932)	22.06	19.00	*3.18	4.00	*7.17	6.00	- - - - -
H. ROCKWELL & SON Canton, Pa.								
Hsn-O-Le mash with Vitamin A & D								
Feeding Oil	(843)	17.75	19.00	4.68	4.50	5.65	9.00	- - - - -
Rockwell's Production Mash	(844)	21.44	19.00	*2.82	4.00	7.13	8.00	- - - - -
Rockwell's Starting & Growing Mash	(842)	20.63	19.00	3.93	4.00	5.37	8.00	- - - - -
ROSS H. ROHRER & SON Quarryville, Pa.								
Rohrer's 20% Egg Mash	(1129)	22.30	20.00	4.03	3.00	5.86	7.00	- - - - -
ROUX FRED MILLS Sharon, Pa.								
Roux Egg Mash	(233)	26.88	20.00	3.67	4.00	5.55	8.00	- - - - -
Roux Chick Starter	(229)	23.63	18.00	3.87	3.30	4.69	8.00	- - - - -
Roux Economy Egg Mash	(230)	23.44	20.00	3.96	4.00	5.04	8.00	- - - - -
Roux Growing Mash	(225)	22.81	19.00	3.67	4.00	4.78	8.00	- - - - -
Tenderich Broiler Mash	(232)	19.81	18.00	3.85	4.00	4.21	6.50	- - - - -
S. & R. FEED COMPANY Quekstown, Pa.								
S. & R. Chick Starter	(395)	19.44	17.00	4.41	3.00	6.04	7.00	- - - - -
S. & R. Semi-Solid Buttermilk Mash	(394)	17.88	18.00	3.37	3.30	3.99	8.00	- - - - -
S. & H. Growing Mash	(393)	17.50	18.00	3.55	4.00	6.36	8.00	- - - - -
SACRAMENTO ROLLER MILLS Sacramento, Pa.								
Daisy Egg Mash	(138)	17.59	18.00	4.81	4.00	5.42	7.30	- - - - -
Sacromill Egg Mash	(134)	18.44	18.00	4.75	4.00	3.59	7.00	- - - - -
Sacromill Growing Mash	(135)	17.19	17.00	3.73	4.00	5.53	7.00	- - - - -
Sacromill Starting Mash	(139)	16.78	17.00	4.62	3.00	4.78	7.00	- - - - -
Starter-Grower Mash	(135)	15.25	16.00	4.04	3.50	3.20	8.00	- - - - -
F. W. SCHAFER FEEDS Galesburg, Ill.								
Schafer's Ban'H Station Feed	(796)	9.75	10.00	*3.12	4.00	*7.64	6.00	- - - - -
H. D. SCHELL Mifflintown, Pa.								
Jericho Economy 15% Laying Mash	(1042)	19.88	15.00	4.41	4.00	8.39	8.00	- - - - -
CLARENCE R. SCHUCKER, FREEPORT HILLS Lebanon, Pa.								
Freeport Supreme Turkey Grower	(678)	20.08	20.00	4.55	4.00	*8.17	3.00	- - - - -
Freeport Supreme Turkey Starter Mash	(676)	26.13	26.00	*4.28	5.00	5.84	6.00	- - - - -
ANDS K. SCHULTZ Barto, Pa.								
Schultz's Chick Grower Mash	(1144)	21.94	15.00	4.55	4.00	5.86	7.00	- - - - -
Schultz's Chick Starter Mash	(1145)	22.06	15.00	4.81	4.00	5.77	7.00	- - - - -
*Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION	
	Found	Guar.	Found	Guar.	Found	Guar.		
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.		
SCRANTON FLOUR & GRAIN COMPANY Scranton, Pa.								
Penn State Growing Mash (949)	23.31	19.00	*2.84	4.00	6.00	7.00	- - - - -	
Penn State Laying Mash (947)	25.38	20.00	*2.64	8.00	6.56	7.00	- - - - -	
SCHRIMPER BROTHERS Belle Valley, Pa.								
Schrimper's Egg Mash (879)	20.50	19.00	4.80	5.00	7.15	7.00	- - - - -	
Schrimper's Starter & Growing Mash (981)	19.13	17.00	4.52	4.00	5.97	7.00	- - - - -	
SHANK'S MILL Waynesboro, Pa.								
Laying Mash (881)	19.50	17.00	3.73	4.00	6.41	8.00	- - - - -	
Chick Grower (882)	19.75	17.00	*2.23	4.00	7.11	7.00	- - - - -	
H. K. SHENK Sheridan, Pa.								
Shenk's Ultra-Lifed Growing Mash (679)	18.44	16.00	3.93	4.00	4.83	8.00	- - - - -	
Shenk's Ultra-Lifed 20% Egg Mash (680)	19.13	20.00	*3.34	4.00	5.14	8.00	- - - - -	
ROBERT E. SHOEMAKER Boyetown, Pa.								
Shoemaker's P.T.A. Starter & Grower (1142)	19.31	17.50	4.11	3.50	7.04	6.50	- - - - -	
SMITH MILLING COMPANY Et., Union, Pa.								
Mu-Ray Egg Mash (1023)	20.63	17.00	*3.78	4.41	5.08	5.00	- - - - -	
GARD M. SMITH Blain, Pa.								
Blue Ribbon Egg Mash (636)	18.50	16.00	*2.05	3.50	5.67	7.00	- - - - -	
Blue Ribbon Starting & Growing Mash (637)	17.19	17.00	4.15	3.50	4.90	6.00	- - - - -	
R. A. SMITH MILLING COMPANY Northampton, Pa.								
Blue-Band Laying Mash (695)	20.06	20.00	4.28	4.50	5.25	7.50	- - - - -	
Rosen's Growing Mash (696)	19.56	17.50	*5.35	4.50	4.84	6.00	- - - - -	
SNYDER BROTHERS Brookhead, Pa.								
Tip Top Growing Mash (700)	16.63	18.00	4.39	4.00	6.61	10.00	- - - - -	
Tip Top Laying Mash (701)	*17.69	20.00	4.10	3.40	6.17	10.00	- - - - -	
SNYDER MILLING COMPANY Nazareth, Pa.								
Gold Star Laying Mash (364)	18.23	20.00	4.41	4.00	6.29	7.00	- - - - -	
Gold Star Growing Mash (365)	18.19	17.00	3.66	4.00	6.57	7.00	- - - - -	
Gold Star Chick Starter (366)	19.31	17.00	4.43	4.50	6.39	6.00	- - - - -	
W. R. SPANGLER Wellsville, Pa.								
Spangler's Beat Egg Mash (757)	20.25	18.00	4.40	3.90	7.66	7.00	- - - - -	
Spangler's Beat Chick Starter & Grower (755)	18.38	16.50	4.87	3.50	4.86	6.00	- - - - -	
E. O. SPRENKLE & SON Bellan, Pa.								
Spronkle's 20% Laying Mash (642)	21.94	20.00	3.61	4.00	5.91	8.00	- - - - -	
J. P. STARK Torantum, Pa.								
Stark's Chick Starter (495)	22.00	18.00	4.09	4.00	5.97	7.00	- - - - -	
Stark's Growing Mash (497)	18.19	18.00	3.94	4.00	6.46	7.00	- - - - -	
STRAUB'S RELIABLE FLOUR & FEED COMPANY Weissport, Pa.								
Reliable Broiler Mash (1170)	21.06	20.00	9.33	4.00	5.77	7.00	- - - - -	
Reliable All Mash Laying Mash (1169)	18.61	15.50	3.55	3.50	5.79	7.00	- - - - -	
Reliable Chick Starter (1167)	22.13	19.00	4.02	4.00	6.09	6.00	- - - - -	
Reliable Growing Mash (1166)	19.56	18.00	4.02	3.50	6.56	7.00	- - - - -	
Reliable Laying Mash (1165)	21.94	20.00	3.85	3.50	5.97	7.00	- - - - -	
*Deficient								

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
JESSE C. STEWART COMPANY Pittsburgh, Pa.							
Red Letter Crowing Meeh (492)	20.44	16.00	4.34	4.00	6.00	7.00	- - - - -
Red Letter Layer & Breeder Meeh (489)	22.38	20.00	3.58	4.00	5.91	8.00	- - - - -
Red Letter All Meeh Starter & Grower (491)	21.94	15.00	*3.64	5.00	6.32	6.00	- - - - -
D. A. STICKELL & SONS, INC. Hagerstown, Md.							
Sn-Pur Crowing Meeh with Cod Liver Oil (146)	21.50	17.00	3.56	3.00	3.81	6.00	- - - - -
Su-Pur Broiler Meeh (143)	21.06	18.00	3.88	2.50	5.66	6.00	- - - - -
Su-Pur All Meeh Starter (142)	24.19	16.50	3.56	3.00	3.83	5.00	- - - - -
Blue Ridge Egg Meeh Pellets with C. L. O. (140)	23.63	20.00	3.32	3.00	4.59	6.00	- - - - -
Blue Ridge Egg Meeh with C. L. O. (255)	20.50	20.00	3.75	3.50	5.43	6.00	- - - - -
Zip Egg Meeh with C. L. O. (111)	20.50	18.00	3.71	3.00	4.81	6.00	- - - - -
GEORGE H. STOVER Centre Hall, Pa.							
Quality Poultry Meeh (1127)	19.69	18.00	4.72	4.00	5.64	7.00	- - - - -
Quality Chick Starter & Growing Meeh (1126)	18.38	16.50	4.54	4.00	6.54	7.00	- - - - -
HORACE R. STROH Hamburg, Pa.							
Standard Chick Starter (1132)	17.75	17.00	5.04	4.00	6.00	8.00	- - - - -
STUDEBAKER & FAWCETT Knox Valley, Pa.							
Volley 19% Laying Meeh (809)	21.19	19.00	4.57	3.50	6.14	8.50	- - - - -
Volley Chick Starter & Grower (810)	21.13	20.00	4.39	3.50	*6.78	6.00	- - - - -
SWINGLE BROTHERS Lake Ariel, Pa.							
Direct Laying Meeh (958)	21.06	18.00	5.21	4.00	6.65	9.00	- - - - -
Direct Crowing Meeh (957)	20.00	17.00	3.61	4.00	6.42	9.00	- - - - -
L. F. SWOPE & COMPANY Duncansville, Pa.							
Exlnt-Pen-A-Min Laying Meeh (1000)	20.50	20.00	3.61	4.00	5.01	7.00	- - - - -
FRANK C. SWOYER Mohrsville, Pa.							
Swoyer's 20% Egg Meeh (1140)	21.19	20.00	4.37	4.00	6.36	7.50	- - - - -
Hamburg Crowing Meeh (1133)	19.88	17.50	4.15	4.00	*6.49	5.50	- - - - -
W. N. TELFER & BROTHER Port Royal, Pa.							
Telfer's Egg Meeh (1034)	22.25	18.00	3.78	4.00	6.07	7.25	- - - - -
W. M. TEMPLETON & SONS Honston, Pa.							
Templeton's Starting & Growing Meeh (471)	19.75	17.00	3.39	3.50	6.03	7.00	- - - - -
THOMAS MILLS Holtzapple, Pa.							
Diamond T Growing Meeh (603)	20.94	18.00	*5.40	4.00	6.42	7.00	- - - - -
ALBERT J. THOMPSON Wyeombe, Pa.							
Xcelmix III Laying Meeh (213)	17.63	18.00	4.66	4.00	5.08	6.00	- - - - -
W. B. THOMPSON & SON Waynesboro, Pa.							
Thompson Egg Meeh (879)	18.31	18.00	*2.25	5.00	5.41	7.50	- - - - -
Thompson Chick Starter & Grower (878)	20.44	19.00	*2.11	4.00	*7.77	7.00	- - - - -
THOMPSONTOWN FLOUR & FEED MILL Thompsontown, Pa.							
Economy Laying Meeh (1036)	24.81	20.63	3.91	4.05	5.09	5.97	- - - - -
*Deficient							

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
TEORPE, BAKER & COMPANY Carbondale, Pa.							
Red Tag Laying Mash (982)	23.31	19.00	4.92	3.00	6.45	8.00	- - - - -
Red Tag Starting & Growing Mash (984)	23.31	19.00	4.84	3.00	6.50	8.00	- - - - -
THRIFT FRED MILL Doylestown, Pa.							
Thriftee Starting & Growing Mash (405)	18.06	17.50	5.09	4.00	6.41	6.00	- - - - -
Thriftee Egg Mash with Milk By Products & Alfalfa (406)	20.00	19.50	4.31	4.00	6.16	7.00	- - - - -
T. L. TOOMEY Wila, Pa.							
Toomey's Egg Mash (635)	20.94	19.00	2.79	3.00	6.71	7.00	- - - - -
TOWN MILLS Shippensburg, Pa.							
(M) Laying Mash (670)	17.50	17.50	*6.69	4.30	6.60	6.00	- - - - -
JACOB TRINLEY & SONS Linfield, Pa.							
Real Egg & Breeder Mash (184)	20.19	20.00	4.28	4.00	7.06	6.50	- - - - -
Real Chick Starter (185)	18.75	18.00	3.88	4.00	6.03	6.00	- - - - -
TYRONE MILLING COMPANY Tyrone, Pa.							
Ty-Co Starting & Growing Mash (1006)	18.19	17.00	6.98	4.00	6.75	7.50	- - - - -
UBIKO MILLING COMPANY Cincinnati, Ohio							
Ubiko All Mash Starter (61)	19.44	16.00	4.01	4.00	4.94	5.00	- - - - -
Ubiko Egg & Breeder Mash (30)	23.61	20.00	6.96	4.00	5.94	6.00	- - - - -
All Mash Developer (22)	17.38	15.00	4.66	4.00	5.46	6.00	- - - - -
UNION SUPPLY COMPANY Pittsburgh, Pa.							
USCO Laying Mash (486)	17.31	18.00	3.56	3.00	6.34	8.00	- - - - -
VANDERVORT MILLS Laceyville, Pa.							
Vandervort's Laying Mash (534)	21.19	20.00	4.08	4.00	6.36	8.00	- - - - -
Vandervort's Growing Mash (636)	20.19	17.00	4.00	4.00	6.74	8.00	- - - - -
A. B. VOGEL Telford, Pa.							
Vogel's Starting & Growing Mash (200)	17.23	17.00	3.99	4.00	4.93	6.00	- - - - -
V. D. Laying Mash (201)	18.89	18.00	3.82	3.50	5.18	8.00	- - - - -
VOLANT MILLS Volant, Pa.							
Volant Mills Starting Mash (768)	18.69	18.00	*2.89	4.00	4.97	7.00	- - - - -
C. Y. WAGNER & COMPANY Bellefonte, Pa.							
Wagner's Poultry Mash (1121)	23.38	20.00	4.03	3.50	5.62	7.00	- - - - -
Wagner's Starter & Grower (1122)	20.94	16.00	6.82	3.00	4.87	7.50	- - - - -
WALKER BROTHERS Chambersburg, Pa.							
Make-Em-Lay (887)	18.44	18.00	3.65	4.00	6.46	7.00	- - - - -
Walker's Starter & Grower (888)	20.75	17.50	*6.50	4.00	*6.46	6.00	- - - - -
C. L. WALKER & SONS Elizabethville, Pa.							
Walker's Growing Mash (659)	19.81	16.00	3.87	4.00	4.99	6.00	- - - - -
Walker's Chick Starter (668)	20.56	16.00	4.15	4.00	5.13	6.60	- - - - -
Walker's Egg Mash (666)	*17.06	20.00	*3.55	5.00	5.37	7.50	- - - - -
J. C. WALKER & SON Gap, Pa.							
Walker's Pequea 18% Broiler Mash (437)	18.25	18.00	3.65	4.00	5.41	6.50	- - - - -
Walker's Pequea 20% Egg Mash (466)	21.13	20.00	4.60	4.00	5.55	7.00	- - - - -
Walker's Pequea Growing Mash (436)	18.56	18.00	4.15	4.00	5.76	7.00	- - - - -
Walker's Pequea Chick Starter Mash (434)	19.66	18.00	4.61	4.00	5.11	6.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
WAYMART MILLING COMPANY Waymart, Pa.							
Way-Best Laying Mash (965)	24.81	19.00	4.75	3.00	7.32	8.00	- - - - -
Way-Best Starting & Growing Mash (987)	24.38	19.00	4.78	3.00	7.12	8.00	- - - - -
WAYNE MILLING COMPANY Honesdale, Pa.							
Supreme Laying Mash (556)	22.63	17.00	3.14	3.00	6.14	9.00	- - - - -
WAYNEBURG MILLING COMPANY Waynesburg, Pa.							
Growing Mash (477)	18.25	16.00	3.63	4.00	6.39	7.00	- - - - -
WEIGEL BROTHERS Oxford, Pa.							
Weigel's Quality Laying Mash (1137)	19.44	20.00	3.66	3.50	5.31	8.00	- - - - -
M. M. WENCER Rheems, Pa.							
J. W. Supreme Laying Mash (1150)	20.63	20.00	4.71	3.50	5.87	7.00	- - - - -
WENTZ'S FEED & COAL Lock Haven, Pa.							
Wentz's Laying Mash (714)	20.61	20.00	4.11	3.50	5.64	6.50	- - - - -
Wentz's All-In-One Hog Feed (712)	16.44	16.00	3.51	3.50	4.28	7.00	- - - - -
Wentz's Starter & Grower Mash (713)	20.94	18.00	3.83	3.50	5.90	6.50	- - - - -
WEST APOLLO MILLING COMPANY Apollo, Pa.							
Apollo's Best Egg Mash (817)	21.00	20.00	4.78	5.00	5.79	7.00	- - - - -
Apollo's Best Growing Mash (818)	16.38	17.00	*3.63	4.50	5.29	7.00	- - - - -
WEST WILLOW FARMERS ASS'N. West Willow, Pa.							
W. W. F. Ass'n. Laying Mash (616)	16.13	17.00	3.64	4.00	5.46	7.50	- - - - -
W. W. F. Ass'n. All Mash (617)	16.00	15.00	3.61	4.00	3.21	7.00	- - - - -
A. H. WHITE Monroeton, Pa.							
White's Bradco Starting & Growing Mash (1050)	19.00	15.00	4.16	4.50	*6.48	5.00	- - - - -
White's Bradco Laying Mash (1052)	21.19	20.00	4.76	4.50	5.32	6.00	- - - - -
WHITE HORSE ROLLER MILLS Gay, Pa.							
Stauffers Laying Mash (A) (451)	24.38	20.00	*4.15	5.00	4.07	6.00	- - - - -
Stauffers Laying Mash (B) (452)	21.44	20.00	4.71	5.00	5.20	6.00	- - - - -
Stauffers Laying Mash (C) (453)	23.38	20.00	4.80	4.00	5.76	6.50	- - - - -
Stauffers Starting & Growing Mash (454)	20.63	16.00	4.34	4.00	5.79	7.00	- - - - -
WHITMOYER LABORATORIES, INC. Myerstown, Pa.							
Flav-A-Dee "60" for Laying & Breeding Mash (799)	21.56	17.00	22.31	20.00	8.38	12.00	- - - - -
Flav-A-Dee "35" for Starting & Growing Mash (798)	21.63	17.00	22.27	20.00	8.85	12.00	- - - - -
P. S. YOST'S SON Pleasant Valley, Pa.							
Yost's S. P. Mash (395)	18.31	19.00	*3.58	4.00	5.62	8.00	- - - - -
Yost's Master Mix Egg Mash (394)	20.13	18.00	3.72	3.00	5.59	8.00	- - - - -
Yost's Starting & Growing Mash (398)	16.94	16.00	3.06	3.00	5.87	7.00	- - - - -
Average	19.89	---	4.01	---	5.93	---	
Proprietary Small Animal Feed							
ALBERS MILLING COMPANY Seattle, Washington							
Friskies (16)	23.44	22.00	4.27	3.50	3.37	4.00	- - - - -
Friskies Dog Food (1083)	25.28	22.00	4.31	4.00	3.42	4.00	- - - - -
Friskies Dog Food Cubes (1111)	23.25	22.00	4.19	3.50	3.35	4.00	- - - - -
Friskies Complete Compressed Dog Food (1098)	23.31	22.00	4.23	4.00	3.40	4.00	- - - - -
*Deficient							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
ALLIED MILLS, INC. Chicago, Ill.							
Amco Dog Food (Complete) (121)	22.31	22.00	6.28	4.00	4.08	5.00	- - - - -
I. Q. Dog Food (1079)	24.19	22.00	5.77	4.00	2.77	5.00	- - - - -
I. Q. Dog Food (1117)	24.06	22.00	5.73	4.00	2.80	5.00	- - - - -
ARMOUR & COMPANY Chicago, Ill.							
Desh Dog Food (Armour's Instant Dog Food) (1073)	27.63	22.00	*3.16	4.50	4.02	7.00	- - - - -
ATLAS CANNING COMPANY Glendale, L. I. N. Y.							
Laddie Boy New Miracle Dog Food (1086)	27.69	26.00	6.53	4.00	2.76	3.50	- - - - -
BATTLE CREEK DOG FOOD COMPANY Battle Creek, Mich.							
Miller's Beties Dog Food (1101)	19.94	15.00	2.24	1.00	1.71	3.50	- - - - -
BRISTOL FLOUR, FEED & GRAIN COMPANY Bristol, Pa.							
Peereon's Dog Food (578)	*21.56	24.00	3.92	3.50	4.08	3.75	- - - - -
BUCK & RUNSBERGER West Point, Pa.							
Sucky's Dog Food (1184)	20.56	21.00	5.33	3.00	3.44	5.00	- - - - -
CHAMPION ANIMAL FOOD COMPANY Minneapolis, Minn.							
Champion Dog Snok (1084)	22.94	18.00	4.34	3.50	1.87	3.00	- - - - -
North Star Kibbled Dog Food (853)	18.31	17.50	3.14	1.70	4.75	5.00	- - - - -
North Star Kibbled Dog Food (1072)	18.88	17.50	3.12	1.70	4.77	5.00	- - - - -
THE COOTER COMPANY Chicago, Ill.							
Micky (Dehydrated Dog Food Meal Type) (408)	24.69	23.00	*2.20	2.50	3.73	4.00	- - - - -
G. E. CONKEY'S COMPANY Cleveland, Ohio							
Conkey's Y-0 Balanced Rabbit Feed (45)	13.38	13.00	3.43	3.00	6.56	7.00	- - - - -
DAD'S PRODUCT COMPANY Meadville, Pa.							
Dad's Dog Food (510)	19.00	16.00	4.45	3.00	2.11	3.00	- - - - -
FLAG PET FOOD CORPORATION New York, N. Y.							
Flag Dog Food (1094)	32.81	30.00	*4.04	6.00	*3.49	3.00	- - - - -
Flag Dog Food (1114)	32.81	35.00	*4.10	6.00	*3.39	3.00	- - - - -
Dehydrated Pussy Cat Food (1110)	51.38	30.00	7.09	4.00	1.91	2.00	- - - - -
FOSTER CANNING COMPANY, INC. Glendale, L. I. N. Y.							
Red Chief Dog Food Mix (1115)	31.94	28.00	3.26	2.50	4.71	6.50	- - - - -
FOXSTAND FOODS, INC. Boston, Mass.							
S-A-S for Dogs (1085)	51.25	45.00	8.42	9.00	1.75	3.00	- - - - -
GAINES FOOD COMPANY, INC. Sherburne, N. Y.							
Geines Dog Meal (1078)	24.50	23.00	4.75	3.00	3.62	4.00	- - - - -
Geines Dog Meal (1109)	24.38	23.00	4.67	3.00	3.90	4.00	- - - - -
Geines Dog Krunchon (1043)	24.69	23.00	4.80	3.00	3.88	4.00	- - - - -
Geines Dog Krunchon (1180)	24.69	23.00	4.59	3.00	3.71	4.00	- - - - -
HARTZ MOUNTAIN PRODUCTS New York, N. Y.							
Joy Dehydrated Dog Food (1071)	28.19	26.00	*6.00	7.00	3.31	4.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HICKORY QUALITY HATCHERY Meadville, Pa.							
Best Yet Champion Wey Dog Food (509)	27.69	22.00	4.86	4.00	3.21	5.00	- - - - -
HUNTSINGER'S MILL Hegins, Pa.							
Quelity Dog Feed (129)	*16.44	23.00	3.86	4.00	3.33	4.00	- - - - -
HYGRADE FOOD PRODUCTS CORP. New York, N. Y.							
Hy-Gee Dehydrated Dog Rations (1075)	42.06	40.00	4.80	4.00	4.31	5.00	- - - - -
INTERSTATE FOODS OF AMERICA Bedford, Ohio							
A. B. C. Dog Food Diet 1 (1108)	46.44	36.00	5.01	0.80	4.68	5.00	- - - - -
A. B. C. Dehydrated Dog & Cat Food Diet 3 (1113)	46.25	36.00	4.95	0.80	4.59	5.00	- - - - -
KASCO MILLS, INC. Waverly, N. Y.							
Kesco Complete Dog Ration (1077)	23.50	23.00	8.66	4.00	*5.15	4.00	- - - - -
Kesco Complete Dog Ration (Meat) (1093)	23.63	23.00	8.54	4.00	*5.09	4.00	- - - - -
KELLOGG SALES COMPANY Battle Creek, Mich.							
Gro-Pup Dog Food (15)	23.26	22.50	5.91	3.00	3.81	4.00	- - - - -
Gro-Pup Dog Food (Meat Form) (1076)	23.19	22.50	5.76	3.00	3.83	4.00	- - - - -
Gro-Pup Dog Food (1106)	23.31	22.50	5.87	3.50	3.79	4.00	- - - - -
T. M. LANDIS Meinland, Pa.							
Dog Food (303)	12.14	12.14	11.63	11.63	0.34	0.34	- - - - -
LARDAN PACKING COMPANY Meepeth, N. Y.							
Choppy Dehydrated Dog Food (1095)	*23.75	28.50	5.96	5.00	1.68	4.00	- - - - -
LOOSE-WILES BISCUIT COMPANY New York, N. Y.							
Austin Dog Food (655)	22.56	22.00	3.07	2.50	4.31	4.50	- - - - -
Austin Dog Food Kibbled (1081)	22.63	22.00	3.08	2.50	4.32	4.50	- - - - -
Austin Dog Food Kibbled (1091)	22.69	22.00	3.03	2.50	4.29	4.50	- - - - -
MARITIME MILLING COMPANY, INC. Buffelo, N. Y.							
Hunt Club Vytees (1080)	25.50	25.00	4.45	3.50	3.46	4.00	- - - - -
Hunt Club Dog Food (1116)	25.75	23.00	4.40	3.50	3.43	4.00	- - - - -
MEAT PRODUCTS COMPANY Cleveland, Ohio							
Breeco Meat Bone Crip Dog Food (1104)	25.25	23.00	3.61	2.00	3.00	4.00	- - - - -
S. E. MENGLE'S SONS Creeson, Pa.							
Samson's Rabbit Food Pellete (337)	17.81	16.00	3.09	3.00	14.25	13.00	- - - - -
S. E. MIGHTON COMPANY Bedford, Ohio							
Dr. Powelle Dehydrated Dog Food (1074)	47.44	36.00	5.53	0.80	5.10	5.00	- - - - -
Dr. Powelle Dehydrated Dog Food (1102)	47.63	36.00	3.46	0.80	5.02	5.00	- - - - -
JOHN MORRELL & COMPANY Ottumwa, Iowa							
Red Heert Dog Food Diet A (14)	34.35	36.00	8.68	6.00	2.45	2.50	- - - - -
Red Heert Three Flavor Dog Food Diet B (1090)	23.06	22.00	4.30	4.50	1.23	2.50	- - - - -
Red Heert Dog Food Diet C (72)	23.00	22.00	4.28	4.50	1.21	2.50	- - - - -
MODERN FOOD PROCESS COMPANY Philadelphia, Pa.							
Thrivo Mix Dog & Cat Food (1118)	24.19	24.00	7.44	6.00	4.86	8.00	- - - - -
Thrivo Mix Dog & Cat Food (1082)	24.56	24.00	7.84	6.00	4.46	8.00	- - - - -
Thrivo Mix Dog & Cat Food (1099)	24.38	24.00	7.60	6.00	4.66	8.00	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
NATIONAL BISCUIT COMPANY New York, N. Y.								
Pal Dog Biscuit	(1105)	24.13	18.50	2.50	1.00	2.34	2.50	- - - - -
Milk Bone Tiny Bits	(1087)	22.25	21.00	2.57	1.50	1.99	2.50	- - - - -
Junior Milk Bone Dog & Puppy Biscuit	(1103)	22.13	21.00	2.52	1.50	1.95	2.50	- - - - -
NATIONAL COAST PRODUCT CORP. Swedesboro, N. J.								
Lykit Dog & Cat Food	(1096)	28.75	25.00	3.11	2.00	3.05	4.00	- - - - -
Lykit Dog & Cat Food	(1112)	28.50	25.00	3.10	2.00	3.10	4.00	- - - - -
NATIONAL RETAILER OWNED GROCERS, INC. Chicago, Ill.								
Roxey Dehydrated Dog Food Mix	(1088)	27.38	28.50	*3.90	5.00	2.03	4.00	- - - - -
Roxey Dehydrated Dog Food Mix	(605)	27.38	28.50	*3.90	5.00	2.03	4.00	- - - - -
PERKES FOODS COMPANY Chicago, Ill.								
Perk Dog Food (Meat Filled)	(1070)	22.25	22.00	*3.44	5.00	2.77	3.00	- - - - -
FLEE-ZING, INC. Chicago, Ill.								
Vim Dog Food	(1179)	25.44	25.00	5.21	4.50	3.48	5.00	- - - - -
FRATT FOOD COMPANY Hammond, Ind.								
Fratto Dog Food (Cubed)	(34N)	25.38	22.00	5.87	4.00	4.90	5.00	- - - - -
PROTO, INCORPORATED Philadelphia, Pa.								
Proto Dog Food	(156)	23.50	24.00	4.98	5.00	2.36	3.00	- - - - -
JUNGLER OATS COMPANY Rockford, Ill.								
Ken-L-Biscuit Kibbled Form Vitamin Fortified	(1107)	22.13	20.00	1.85	2.00	1.86	2.00	- - - - -
RE-DAN PACKING COMPANY Ozone Park, L. I. N. Y.								
Cedet	(1181)	10.67	9.00	1.37	1.50	0.95	1.00	- - - - -
J. S. RILEY & COMPANY New Castle, Pa.								
Tri-Blend Dog Food	(829)	22.44	20.00	4.31	3.00	2.32	6.00	- - - - -
RUDHARD PRODUCTS Buffalo, N. Y.								
Apa-Tize Dog Gravy	(1153)	16.69	16.97	2.02	1.71	0.59	0.55	- - - - -
SCRANTON FLOUR & GRAIN COMPANY Scranton, Pa.								
Penn State Dog Food	(948)	25.88	24.19	6.08	4.70	2.99	2.69	- - - - -
SPRATT'S PATENT LTD. Newark, N. J.								
Spratts Assorted Dog Food	(1100)	20.19	20.00	2.12	2.00	1.59	1.50	- - - - -
STURDY DOG FOOD COMPANY, INC. Syracuse, N. Y.								
Sturdy Dog Food	(934)	22.81	23.00	5.02	2.50	2.54	5.00	- - - - -
SWIFT & COMPANY Chicago, Ill.								
Perd Dog Food	(1044)	23.94	22.00	5.92	6.00	2.24	5.00	- - - - -
Perd Dehydrated Swift's Dog Food	(1092)	24.06	22.00	5.97	6.00	2.28	5.00	- - - - -
VITA-FRESH DOG FOOD CORP. Astoria, N. Y.								
Vita-Best Kibbled Dog Biscuits	(69)	24.00	22.31	*2.10	2.41	1.85	3.61	- - - - -
Vita Best Dog Meal	(68)	26.13	26.67	4.56	4.06	2.79	3.36	- - - - -
Vita Best Dog Food	(654)	25.44	26.67	4.52	4.06	2.82	3.36	- - - - -

*Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
WILSON & COMPANY Chicago, Ill.							
Ideal Dog Food (1045)	23.63	22.00	6.00	4.00	3.15	4.00	- - - - -
Ideal V. T. Dog & Cat Food (1097)	23.50	22.00	5.92	4.00	3.17	4.00	- - - - -
ZENITH NOVELTY COMPANY New York, N. Y.							
Itey-Bitay (A Sweat Meat for Dogs)(1089)	18.25	15.00	2.01	1.75	2.24	3.00	- - - - -
<u>ANIMAL BY-PRODUCTS</u>							
<u>Animal Liver and Glandular Meal</u>							
THE ATLANTIC SUPPLY COMPANY Baltimore, Md.							
Atlantic Liv-A-Meal (329)	61.03	60.00	14.83	10.00	0.81	3.00	- - - - -
SWIFT & COMPANY Chicago, Ill.							
Grommeal (293)	63.25	60.00	12.71	6.00	0.71	3.00	- - - - -
Average	62.14	----	13.77	----	0.76	----	- - - - -
<u>Steamed Bone</u>							
THE BAUGH & SONS COMPANY Philadelphia, Pa.							
Baugh's Sterilized Steamed Bone Meal for Feeding (80)	6.56	5.00	1.58	0.20	*5.74	4.00	- - - - -
<u>Meat Meal</u>							
READING BONE FERTILIZER COMPANY Reading, Pa.							
Reading Meat Meal (89)	48.19	50.00	10.05	10.00	1.94	2.00	- - - - -
<u>Meat and Bone Scraps</u>							
THE ATLANTIC SUPPLY COMPANY Duncannon, Pa.							
Atlantic 50% Victory Scraps (327)	48.63	50.00	8.37	7.00	4.01	7.00	- - - - -
Atlantic 50% Victory Scraps (402)	*46.06	50.00	9.91	7.00	3.49	7.00	- - - - -
Atlantic Meat & Bone Scraps (328)	53.88	65.00	*4.27	6.00	1.97	3.00	- - - - -
Atlantic Meat & Bone Scraps (342)	*49.88	66.00	10.16	6.00	2.09	3.00	- - - - -
FRIED & REINEMAN PACKING COMPANY Pittsburgh, Pa.							
Block House Meat & Bone Scraps (495)	57.25	55.00	3.87	3.00	1.15	2.00	- - - - -
INDEPENDENT MANUFACTURING COMPANY Philadelphia, Pa.							
Independent's 50% Meat Scrap & Bone (576)	50.00	50.00	8.55	5.00	1.38	3.00	- - - - -
CHRIST E. LAMFARTER Dover, Pa.							
White Rose Meat Scrap (750)	*42.88	50.00	15.72	10.00	1.32	1.80	- - - - -
MAUER MANUFACTURING COMPANY Newark, N. J.							
Kwality Meat & Bone Scrap 55% (398)	*44.69	55.00	10.95	6.00	0.81	3.00	- - - - -
Kwality Meat & Bone Scrap 55% (689)	*43.50	55.00	16.85	6.00	1.71	3.00	- - - - -
MUTUAL RENDERING COMPANY, INC. Philadelphia, Pa.							
50% Mureco Meat & Bone Scrap (324)	47.86	50.00	12.02	6.00	0.74	2.00	- - - - -
55% Mureco Meat Scrap (294)	52.75	53.00	11.67	6.00	0.94	2.00	- - - - -
55% Mureco Meat Scrap (404)	52.69	66.00	10.42	6.00	1.17	2.00	- - - - -
PITTSBURGH MELTING COMPANY Pittsburgh, Pa.							
Steel City Meat & Bone Scrap (494)	48.31	50.00	5.35	6.00	1.39	3.00	- - - - -
*Deficient							

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	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
ROBERT A. REICHARD, INC. Allentown, Pa.							
Reichard's Beef & Bone Scrap (306)	45.94	46.00	10.77	9.00	1.66	3.00	- - - - -
Reichard's Beef & Bone Scrap (391)	*40.88	45.00	10.11	9.00	0.62	3.00	- - - - -
CHARLES R. SHOEMAKER, INC. Philadelphia, Pa.							
Belgrade 50% Beef & Bone Scrap (155)	*45.25	60.00	8.55	6.00	2.04	2.00	- - - - -
M. L. SHOEMAKER COMPANY Philadelphia, Pa.							
Shoemaker "Swift Sure" Ground Beef Scrap for Poultry (318)	67.69	65.00	9.81	6.00	2.06	3.00	- - - - -
S. STRUNZ & SON, INC. Pittsburgh, Pa.							
MOREGGS Meat & Bone Scrap (487)	*46.31	60.00	12.21	8.00	1.66	3.00	- - - - -
THE VANIDESTINE COMPANY Long Island City, N. Y.							
Vico 55% Protein Meat & Bone Scrap (792)	62.19	66.00	4.25	3.00	1.87	3.00	- - - - -
Average	48.56	----	9.67	----	2.16	----	
<u>Fish Meal</u>							
THE ATLANTIC SUPPLY COMPANY Duncannon, Pa.							
Atlantic 60% Fish Meal (647)	61.19	60.00	7.92	6.00	0.79	2.00	- - - - -
CORTON FEW FISHERIES COMPANY LTD. Gloucester, Mass.							
Corton's Redfish Meal (858)	56.38	65.00	6.88	5.00	1.77	2.00	- - - - -
Average	54.92	----	8.28	----	1.50	----	
<u>Crab Meal</u>							
SEA BOARD SUPPLY COMPANY Philadelphia, Pa.							
Crab Meal (874)	*29.69	32.00	1.44	1.00	1.61	11.00	- - - - -
<u>Tankage</u>							
ROBERT A. REICHARD, INC. Allentown, Pa.							
Reichard's 60% Digeester Tankage (392)	*43.56	60.00	16.66	5.00	1.67	4.00	- - - - -
<u>MILK PRODUCTS</u>							
<u>Dried Milk Solids</u>							
PENN-REED MILK COMPANY Belleville, Pa.							
Reed Dried Milk Solids (1029)	34.66	35.00	0.81	0.50	0.00	0.00	- - - - -
<u>Dried Whey</u>							
KRAFT CHEESE COMPANY Chicago, Ill.							
Krego (304)	11.81	12.00	0.87	0.50	0.19	0.00	- - - - -
<u>Miscellaneous Feed</u>							
AMOS BENDER Chambersburg, Pa.							
Bender's Cow Powder (890)	*7.38	9.00	0.82	0.75	2.56	2.50	- - - - -
LOUIS J. HOLLANDER Baltimore, Maryland							
Dri-Mol (91)	12.00	10.00	3.40	1.00	*12.69	10.00	- - - - -
THE BORDEN COMPANY New York, N. Y.							
Fleidyry (71)	34.38	24.00	2.62	0.50	3.52	4.25	- - - - -
MENHADEN FISH MEAL COMPANY Baltimore, Md.							
Pro-Tecst Concentrate (296)	13.13	15.00	*1.25	2.00	2.44	6.00	- - - - -
*Deficient							